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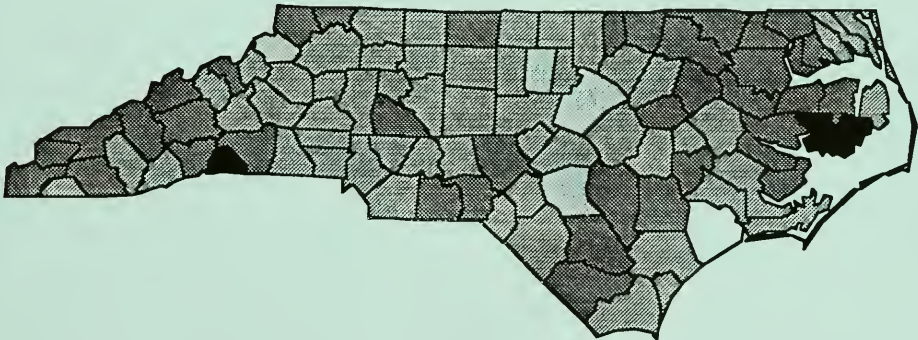
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State Center for Health
and Environmental Statistics

North Carolina VITAL STATISTICS Volume 2-1994



LEADING CAUSES OF DEATH

Publications of the State Center for Health and Environmental Statistics

***North Carolina Health Statistics Pocket Guide* (Biennial):**

Data for the U.S., South Atlantic Area, N.C., and N.C. counties are presented in tabular and narrative forms with more than 8,000 calculations depicting patterns of various needs indicators, as well as births, deaths, abortions, diseases, health care resources, and other data from state and national reporting systems and surveys. This composite of information, contained in a compact foldout, will serve the needs of many health data users.

***North Carolina Vital Statistics, Volume 1: Population, Births, Deaths, Marriages, Divorces* (Annual):**

For the state and each Department of Environment, Health, and Natural Resources (DEHNR) region, Perinatal Care Region (PCR), county, and major incorporated city, one-page tables summarize annual and 5-year data by race and selected variables. Maps, graphs, and narrative describe geographical patterns and statewide trends.

***North Carolina Vital Statistics, Volume 2: Leading Causes of Death* (Annual):**

For the state, DEHNR regions, and counties, cause-specific annual and 5-year data are given in the form of numbers of deaths, unadjusted death rates, and age-race-sex-adjusted death rates. For each cause, maps depict 5-year adjusted and unadjusted county rates. Infant mortality data are also tabulated and mapped.

***Basic Automated Birth Yearbook, North Carolina Residents* (Annual):**

Known as the BABY BOOK, this statewide report is comprised of multiple cross-tabulations of various maternal and infant variables such as age, race, birth order, birth weight, and number of prenatal visits as well as medical conditions of the mother, the labor/delivery, and the newborn. Data for DEHNR regions and counties are available on microfiche.

***Detailed Mortality Statistics, North Carolina Residents* (Annual):**

This statewide report provides annual counts of deaths specific for detailed underlying cause of death (4 digits) and age-race-sex group. Data for counties are available on microfiche.

***North Carolina Reported Pregnancies* (Annual):**

For the state, DEHNR regions, PCRs, and counties, annual estimates of pregnancy rates, live birth rates, abortion rates, and abortion fractions by age and race are followed by one-page tables displaying counts of pregnancies (abortions, live births, and fetal deaths) by race and age for total and unmarried women. Maps, graphs, and narrative describe geographical patterns and statewide trends.

***Cancer Incidence in North Carolina, County-Specific Numbers* (Annual):**

Observed and expected numbers of newly diagnosed cancer cases for 26 cancer sites and total cancer are provided by county and gender. State and county tabulations of cases by race-sex and age are also provided.

***Cancer in North Carolina, Detailed Analyses* (Intermittent):**

This report provides an in-depth assessment of cancer incidence and mortality patterns. Comparisons featured are by anatomic site, stage at diagnosis, age, race, sex, and geographic area. Data are in tabular, graphic, and narrative forms.

***North Carolina Cancer Facts and Figures* (Annual):**

This collaborative report with the American Cancer Society is prepared specifically for use by the public. It contains tabular, graphic, and narrative materials regarding cancer in North Carolina. Information about cancer control activities and agencies in the state is also given.

***Local Health Department Facility and Staffing Report* (Biennial):**

Facility-level data are compiled from health department surveys. Capacity of facilities, staffing levels, and expenditure data are provided.

***CHES Studies* (Intermittent):**

Studies on health topics of current interest are presented in newsletter form.

***CHES Primer* (Intermittent):**

Short tutorials on statistical methods are presented in newsletter form.

***An Inventory of North Carolina Health Data* (Intermittent):**

This publication describes by subject-matter health data sets existing in public and nonpublic agencies. Included in the description are the data set's location, the data collection interval, the smallest unit of analysis, whether computerized, and the name of a contact person.

***North Carolina Inventory of Environmental Data Sets* (Intermittent):**

This publication describes by subject-matter environmental data sets existing in public agencies. Included in the description are the regulations requiring data collection, type of data storage, data collection methodology, geographical coverage, period of data collection, update frequency, availability for public use, and contact information.

***North Carolina Chartbook on Population and Health* (Intermittent):**

This book provides graphs and charts depicting the characteristics of North Carolina's population, health care resources, health care, and health status.

LEADING CAUSES OF DEATH

North Carolina Vital Statistics 1994-Volume 2



**North Carolina Department of
Environment, Health, and Natural Resources
State Center for Health and
Environmental Statistics**



STATE OF NORTH CAROLINA

James B. Hunt Jr., Governor

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

Jonathan B. Howes, Secretary

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS

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INTRODUCTION

North Carolina Vital Statistics, Volume 2: Leading Causes of Death describes North Carolina's general and cause-specific mortality experience at the state, region, and county level via tables and figures. More than a dozen of North Carolina's leading causes of death are depicted in tables and maps. In addition, major site-specific cancers and total infant deaths are also tabulated and mapped.

The 1994 edition reflects changes in content and format from the 1993 edition. The most notable change is a new section called "North Carolina's Leading Causes of Death." The section presents the five leading causes of death in North Carolina for 1935, 1955, 1975, and 1994. And, it lists the top 10 leading causes of death by age and racial categories. Another notable change is that the technical notes have been placed under a single heading in the back of the volume.

All users of this volume should take special care and caution in the use of these data. Be sure to read "Interpretation of Death Rates" and "Caution about Unstable Rates" located in the Technical Notes section of this volume.

A more exhaustive breakdown of cause-specific mortality by age, race, and sex is described in the companion volume, *North Carolina Detailed Mortality Statistics*. This and other publications (listed and described on the inside front cover of this publication) are available through the State Center for Health and Environmental Statistics. If you would like copies of these publications you may contact the Center's Information Services Unit.

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NORTH CAROLINA'S LEADING CAUSES OF DEATH

Figure 1: NC Deaths by Five Leading Causes 1994

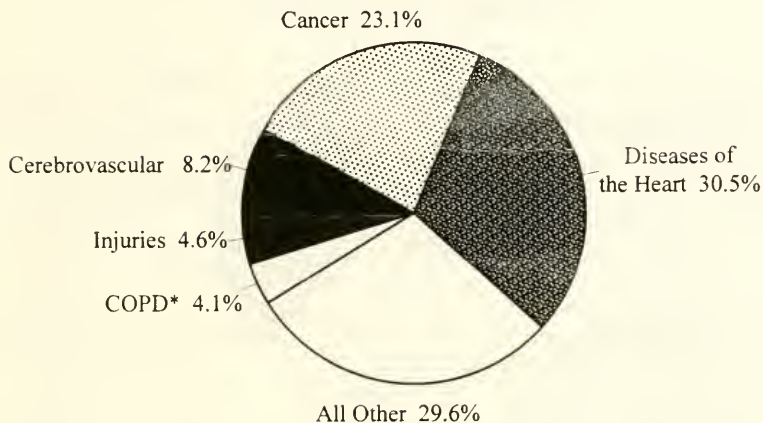
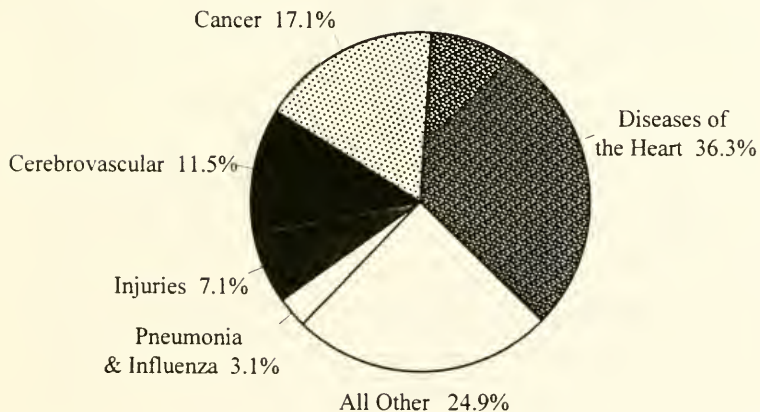


Figure 2: NC Deaths by Five Leading Causes 1975



*Chronic obstructive pulmonary disease and allied conditions

Figure 3: NC Deaths by Five Leading Causes 1955

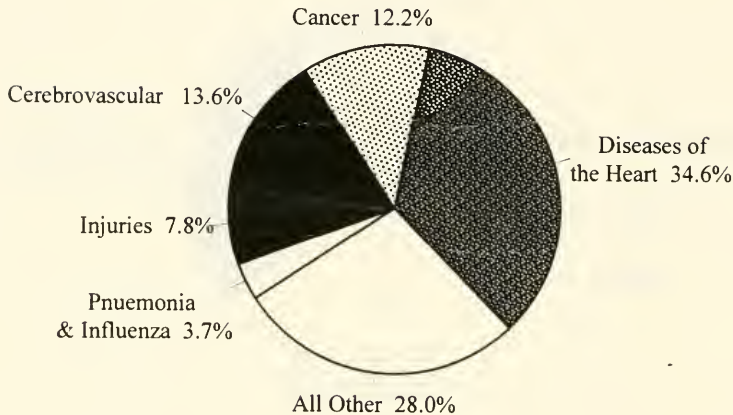
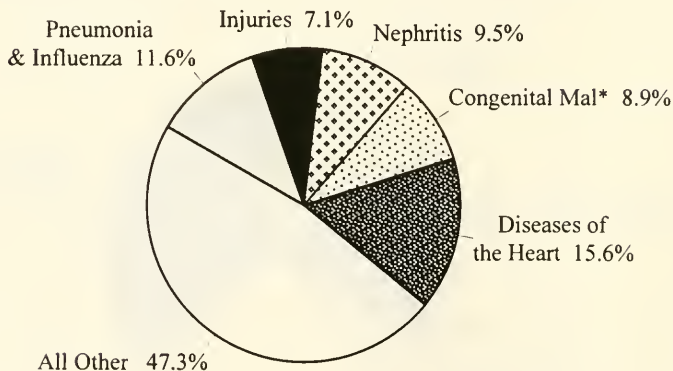


Figure 4: NC Deaths by Five Leading Causes 1935



* Congenital malformations

Note: Caution should be taken when comparing leading causes of death across time. The shape of the age distribution of the population has changed significantly since 1935. And, as the age distribution of a population changes over time, so do the leading causes of death. Observed increases in the proportion of deaths by heart disease and cancer are, in part, reflections of an increase in longevity of life since 1935. The association between age and leading causes of death become more apparent in the age-specific tables which follow.

Table 1
North Carolina Top 10 Leading Causes of Death
for Specified Age Groups, 1994*

All Ages		
Rank	Cause	Number
1	Diseases of heart	19,258
2	Cancer	14,585
3	Cerebrovascular diseases	5,174
4	Injuries	2,909
	Motor vehicle injuries	1,456
	Other	1,453
5	COPD ¹	2,565
6	Pneumonia and influenza	2,207
7	Diabetes melitus	1,597
8	AIDS	975
9	Suicide	891
10	Homicide	817
	All other	12,210

Ages <1		
Rank	Cause	Number
1	Originating in perinatal period ²	550
2	Congenital anomalies	186
3	Symptoms, signs, and ill-defined conditions (includes SIDS)	121
4	Injuries	23
	Motor vehicle injuries	4
	Other	19
5	Pneumonia and influenza	14
6	Other diseases of nervous system ...	11
7	Homicide	8
8	Certain intestinal infections	7
9	Remainder of diseases of digestive system	7
10	Septicemia	7
	All other	83

Ages 1-4		
Rank	Cause	Number
1	Injuries	74
	Motor vehicle injuries	32
	Other	42
2	Congenital anomalies	20
3	Cancer	16
4	Homicide	15
5	AIDS	7
6	Cerebrovascular diseases	5
7	Diseases of the heart	5
8	Pneumonia and influenza	5
9	Originating in perinatal period ²	4
10	Other infectious and parasitic diseases	3
	All other	43

Ages 5-14		
Rank	Cause	Number
1	Injuries	115
	Motor vehicle injuries	76
	Other	39
2	Cancer	24
3	Homicide	14
4	Suicide	14
5	Diseases of heart	11
6	Congenital anomalies ³	9
7	Pneumonia and influenza	6
8	COPD ¹	4
9	Anemias	3
10	AIDS	2
	All other	43

*Leading causes of death are generated from a list of 43 causes of death. For deaths under one year of age, a list of 27 leading causes of death was used. See Appendices B and C respectively for the ICD-9 codes for these lists of causes. These are standard cause-of-death categories developed by the National Center for Health Statistics to promote comparability in analyses of mortality.

¹Chronic obstructive pulmonary disease and allied conditions.

²Certain conditions originating in the perinatal period.

³Birth defects and other related conditions.

Table 1 (cont.)
North Carolina Top 10 Leading Causes of Death
for Specified Age Groups, 1994

Ages 15-24

Rank	Cause	Number
1	Injuries	490
	Motor vehicle injuries	378
	Other	112
2	Homicide	224
3	Suicide	165
4	Cancer	50
5	Diseases of heart	33
6	AIDS	24
7	Symptoms, signs, and ill-defined conditions.....	12
8	Congenital anomalies	11
9	Pneumonia and influenza.....	10
10	Complications in pregnancy	9
	All other	84

Ages 25-44

Rank	Cause	Number
1	Injuries	821
	Motor vehicle injuries	480
	Other	341
2	AIDS	732
3	Cancer	597
4	Diseases of heart	520
5	Homicide	407
6	Suicide	346
7	Chronic liver disease and cirrhosis	139
8	Cerebrovascular diseases	127
9	Diabetes mellitus	65
10	Symptoms, signs, and ill-defined conditions.....	58
	All other	652

Ages 45-64

Rank	Cause	Number
1	Cancer	4,000
2	Diseases of heart	3,262
3	Cerebrovascular diseases	573
4	Injuries	520
	Motor vehicle injuries	254
	Other	266
5	Diabetes mellitus	375
6	COPD ¹	373
7	Chronic liver disease	315
8	Suicide	210
9	Pneumonia and influenza.....	200
10	AIDS	188
	All other	1,731

Ages 65+

Rank	Cause	Number
1	Diseases of heart	15,397
2	Cancer	9,896
3	Cerebrovascular diseases	4,455
4	COPD ¹	2,160
5	Pneumonia and influenza.....	1,927
6	Diabetes mellitus	1,148
7	Injuries	866
	Motor vehicle injuries	232
	Other	634
8	Other diseases of arteries, arterioles, and capillaries	621
9	Nephritis	538
10	Septicemia	473
	All other	6,925

¹Chronic obstructive pulmonary disease and allied conditions

Table 2
North Carolina Top 10 Leading Causes of Death
for Racial Groups, 1994

White		
Rank	Cause	Number
1	Diseases of heart	15,050
2	Cancer	11,331
3	Cerebrovascular disease	3,875
4	COPD ¹	2,230
5	Injuries	2,098
	Motor vehicle injuries	1,044
	Other	1,054
6	Pneumonia and influenza	1,778
7	Diabetes mellitus	998
8	Suicide	749
9	Other diseases of arteries, arterioles, and capillaries	613
10	Chronic liver disease and cirrhosis ..	492
	All other	8,394

Black		
Rank	Cause	Number
1	Diseases of heart	4,017
2	Cancer	3,136
3	Cerebrovascular disease	1,253
4	Injuries	739
	Motor vehicle injuries	366
	Other	373
5	AIDS	624
6	Diabetes mellitus	568
7	Homicide	464
8	Pneumonia and influenza	405
9	COPD ¹	312
10	Originating in perinatal period ² ...	291
	All other	3,082

American Indian		
Rank	Cause	Number
1	Diseases of heart	170
2	Cancer	81
3	Injuries	51
	Motor vehicle injuries	30
	Other	21
4	Cerebrovascular disease	39
5	Diabetes mellitus	29
6	COPD ¹	20
7	Homicide	20
8	Pneumonia and influenza	18
9	Suicide	13
10	Chronic liver disease and cirrhosis	10
	All other	92

Note: Caution should be taken when comparing the number of deaths across racial groupings. Population size varies considerably from one racial group to another. Consequently, the number of deaths for each group is a reflection of that population size.

¹Chronic obstructive pulmonary diseases and allied conditions.

²Certain conditions originating in the perinatal period.

**STATE, REGION, AND
COUNTY MORTALITY
TABLES AND FIGURES
FOR 1990-94**

Table 3
Mortality Statistics for 1994
All North Carolina Residents*

Cause of Death	Number of Deaths 1994	Death Rate 1994
All Causes	63,188	8.9
Diseases of Heart	19,258	272.6
Cerebrovascular Disease	5,174	73.2
Atherosclerosis	409	5.8
Cancer	14,585	206.5
Lip, Oral Cavity, and Pharynx	225	3.2
Stomach	323	4.6
Colon, Rectum, and Anus	1,461	20.7
Liver	238	3.4
Pancreas	710	10.1
Larynx	117	1.7
Trachea, Bronchus, and Lung	4,490	63.6
Malignant Melanoma	174	2.5
Bladder	248	3.5
Brain Tumors	372	5.3
Non-Hodgkins Lymphoma	516	7.3
Leukemia	492	7.0
Acquired Immune Deficiency Syndrome	975	13.8
Septicemia	612	8.7
Diabetes Mellitus	1,597	22.6
Pneumonia and Influenza	2,207	31.2
Chronic Obstructive Pulmonary Disease and Allied Conditions	2,565	36.3
Chronic Liver Disease and Cirrhosis	700	9.9
Nephritis, Nephrotic Syndrome, and Nephrosis	654	9.3
Unintentional Motor Vehicle Injuries	1,456	20.6
All Other Unintentional Injuries and Adverse Effects	1,453	20.6
Suicide	891	12.6
Homicide	817	11.6

Table 4
Sex-Specific Mortality Statistics for 1994
North Carolina Male and Female Residents*

Cause of Death	Number of Deaths 1994	Death Rate 1994
Cancer		
Female Breast	1,117	30.7
Cervix Uteri	137	3.8
Ovary and Other Uterine Adnexa	348	9.6
Prostate	1,037	30.3

Note: The death rates in Table 4 cannot be compared to those in Table 3 because the denominators are sex-specific. Therefore, in ranking the causes of death—for example, in ranking the leading cancer sites—one must use the observed numbers of deaths.

*See Appendix A for a listing of Cause of Death codes.

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

GENERAL MORTALITY

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	63188	8.9	301137	8.8	7.4
REGIONS					
D.E.H.N.R. I	8207	10.7	39293	10.5	7.2
D.E.H.N.R. II	12983	8.6	61338	8.4	7.6
D.E.H.N.R. III	12998	9.2	62493	9.1	7.3
D.E.H.N.R. IV	11694	8.2	55245	8.1	7.4
D.E.H.N.R. V	6727	8.7	31702	8.4	7.8
D.E.H.N.R. VI	6316	9.6	30733	9.6	7.8
D.E.H.N.R. VII	4263	8.1	20333	8.0	7.5
COUNTIES					
1 ALAMANCE	1147	10.1	5530	10.0	7.3
2 ALEXANDER	248	8.4	1142	8.0	7.3
3 ALLEGHANY	135	14.0	580	12.0	7.8
4 ANSON	239	10.0	1319	11.2	7.4
5 ASHE	290	12.7	1287	11.4	8.6
6 AVERY	171	11.3	765	10.2	6.1
7 BEAUFORT	486	11.2	2501	11.7	8.2
8 BERTIE	249	12.1	1209	11.8	8.5
9 BLADEN	325	11.0	1653	11.4	8.4
10 BRUNSWICK	576	9.8	2560	9.3	7.3
11 BUNCOMBE	2019	10.9	9581	10.6	7.3
12 BURKE	768	9.6	3509	9.1	7.4
13 CABARRUS	861	8.0	4397	8.5	7.1
14 CALDWELL	664	9.1	3139	8.7	7.6
15 CAMDEN	62	10.0	283	9.4	7.2
16 CARTERET	535	9.4	2577	9.4	7.6
17 CASHWELL	233	11.0	1067	10.2	7.0
18 CATAWBA	1132	9.1	5270	8.7	7.8
19 CHATHAM	397	9.5	1896	9.4	6.9
20 CHEROKEE	242	11.3	1122	10.8	6.5
21 CHOWAN	192	13.7	867	12.5	7.7
22 CLAY	77	10.2	374	10.2	6.0
23 CLEVELAND	914	10.4	4384	10.2	8.0
24 COLUMBUS	559	11.0	2779	11.1	8.7
25 CRAVEN	699	8.3	3300	7.9	7.3
26 CUMBERLAND	1743	6.0	8282	5.8	8.0
27 CURRITUCK	170	11.0	715	9.9	8.8
28 DARE	180	7.3	889	7.5	6.9
29 DAVIDSON	1194	8.9	5491	8.4	7.2
30 DAVIE	269	9.2	1259	8.8	6.9
31 DUPLIN	521	12.4	2327	11.3	8.5
32 DURHAM	1614	8.4	7568	8.1	7.2
33 EDGECOMBE	642	11.4	3124	11.0	9.0
34 FORSYTH	2498	9.0	12316	9.1	7.4
35 FRANKLIN	410	10.1	1939	10.0	7.8
36 GASTON	1732	9.7	8279	9.4	8.3
37 GATES	109	11.2	529	11.1	7.9
38 GRAHAM	85	11.5	386	10.6	8.3
39 GRANVILLE	426	10.5	1964	9.9	7.9
40 GREENE	137	8.4	665	8.4	6.9
41 GUILFORD	3201	8.8	15627	8.8	7.3

* General mortality rates in this table are expressed per 1,000 population; all other cause-specific death rates in this volume are expressed per 100,000 population (See Technical Notes).

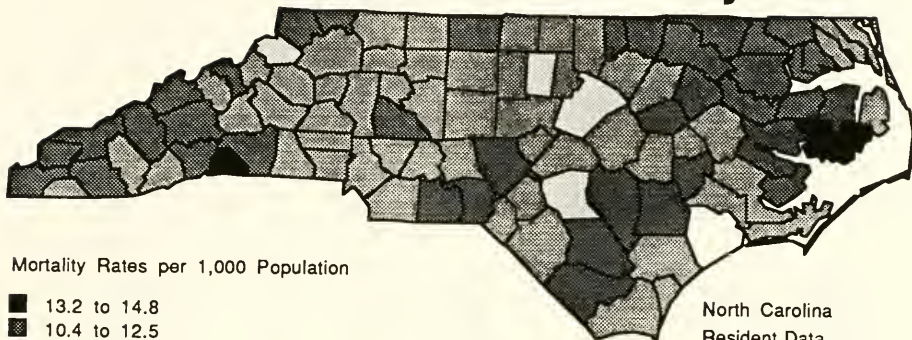
MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
GENERAL MORTALITY CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	678	11.9	3302	11.7	8.4
43 HARNETT	694	9.3	3132	8.8	7.9
44 HAYWOOD	514	10.5	2665	11.1	7.2
45 HENDERSON	925	12.3	4484	12.4	6.9
46 HERTFORD	252	11.2	1343	11.9	7.7
47 HOKE	192	7.2	953	7.9	8.0
48 HYDE	76	14.4	355	13.2	8.6
49 IREDELL	985	9.8	4475	9.2	7.4
50 JACKSON	253	8.9	1206	8.7	6.7
51 JOHNSTON	810	8.8	3977	9.2	7.9
52 JONES	111	11.7	479	10.1	7.4
53 LEE	449	10.0	2081	9.7	7.9
54 LENOIR	648	11.0	3232	11.1	8.5
55 LINCOLN	487	8.9	2181	8.3	7.4
56 MCDOWELL	370	10.1	1795	9.9	7.4
57 MACON	322	12.6	1445	11.8	6.3
58 MADISON	190	10.8	972	11.5	8.2
59 MARTIN	271	10.4	1391	10.9	7.9
60 MECKLENBURG	4102	7.3	19368	7.2	7.3
61 MITCHELL	179	12.4	858	11.9	6.7
62 MONTGOMERY	241	10.2	1154	9.8	7.8
63 MOORE	751	11.6	3377	10.9	6.6
64 NASH	828	10.0	3891	9.8	8.1
65 NEW HANOVER	1146	8.5	5560	8.7	7.4
66 NORTHAMPTON	266	12.9	1289	12.5	7.3
67 ONSLOW	628	4.3	3062	4.1	7.6
68 ORANGE	574	5.5	2814	5.7	6.2
69 PAMLICO	132	11.2	648	11.2	7.0
70 PASQUOTANK	353	10.6	1657	10.3	7.8
71 PENDER	298	8.9	1468	9.4	7.1
72 PERQUIMANS	121	11.5	626	12.0	7.3
73 PERSON	359	11.5	1553	10.1	7.4
74 PITT	943	8.1	4537	8.1	8.0
75 POLK	224	14.5	1112	14.8	7.8
76 RANDOLPH	936	8.3	4569	8.3	7.2
77 RICHMOND	540	12.0	2502	11.1	8.7
78 ROBESON	1115	10.1	5028	9.4	8.7
79 ROCKINGHAM	945	10.8	4481	10.4	7.7
80 ROWAN	1273	10.9	5987	10.5	7.6
81 RUTHERFORD	640	10.9	3120	10.8	7.7
82 SAMPSON	568	11.4	2702	11.1	8.2
83 SCOTLAND	319	9.2	1600	9.3	8.5
84 STANLY	551	10.3	2610	9.9	7.7
85 STOKES	364	9.1	1649	8.6	7.5
86 SURRY	698	10.8	3162	10.0	7.5
87 SHAIN	129	11.2	695	12.3	8.6
88 TRANSYLVANIA	294	10.9	1290	9.8	5.9
89 TYRRELL	34	8.9	225	11.7	7.1
90 UNION	698	7.4	3245	7.3	7.6
91 VANCE	453	11.4	2196	11.2	8.8
92 WAKE	2825	5.7	12990	5.6	6.6
93 WARREN	212	11.9	1064	12.2	6.9
94 WASHINGTON	171	12.3	731	10.5	7.6
95 WATAUGA	266	6.8	1172	6.2	5.8
96 WAYNE	920	8.4	4551	8.5	8.0
97 WILKES	511	8.3	2733	9.0	7.4
98 WILSON	751	11.1	3597	10.8	8.7
99 YADKIN	311	9.5	1570	9.9	7.2
100 YANCEY	141	8.8	775	9.9	6.4

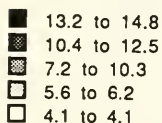
* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
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General Mortality



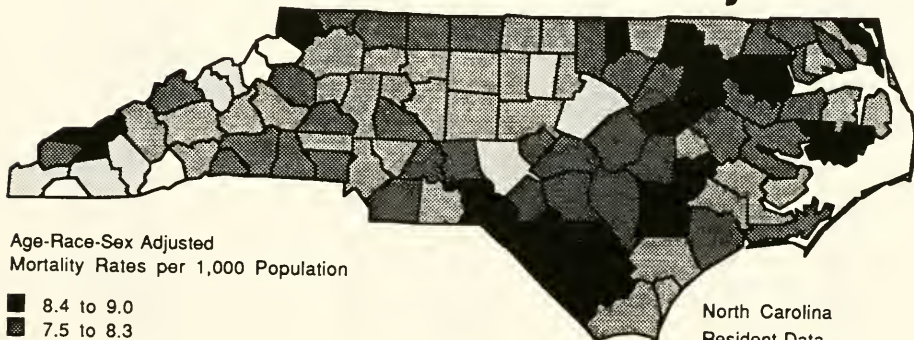
Mortality Rates per 1,000 Population



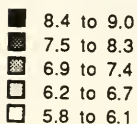
North Carolina
Resident Data
1990 - 1994

Figure 5.A

General Mortality



Age-Race-Sex Adjusted
Mortality Rates per 1,000 Population



North Carolina
Resident Data
1990 - 1994

Figure 5.B

TABLE - 6

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

DISEASES OF THE HEART

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	19258	272.6	94915	277.2	227.7
REGIONS					
D.E.H.N.R. I	2659	347.4	13033	349.2	218.8
D.E.H.N.R. II	3939	261.2	19661	269.7	235.6
D.E.H.N.R. III	3988	282.5	19704	286.0	221.2
D.E.H.N.R. IV	3342	234.5	16557	242.7	220.2
D.E.H.N.R. V	2094	270.2	10189	270.9	251.8
D.E.H.N.R. VI	1908	291.2	9513	296.3	237.5
D.E.H.N.R. VII	1328	253.5	6258	246.2	229.3
COUNTIES					
1 ALAMANCE	341	300.0	1750	316.1	216.7
2 ALEXANDER	85	286.7	382	267.6	221.4
3 ALLEGHANY	48	499.5	201	414.7	245.9
4 ANSON	66	274.9	471	398.9	255.4
5 ASHE	91	397.0	413	366.6	231.9
6 AVERY	62	411.4	292	389.8	207.9
7 BEAUFORT	178	411.7	853	398.9	266.5
8 BERTIE	75	365.9	368	360.7	254.5
9 BLADEN	104	352.8	525	361.9	263.4
10 BRUNSWICK	171	292.2	806	294.4	221.2
11 BUNCOMBE	619	333.1	2941	326.5	208.8
12 BURKE	254	318.9	1198	309.2	238.6
13 CABARRUS	268	250.0	1474	285.4	228.5
14 CALDWELL	204	279.1	1034	288.0	234.4
15 CAMDEN	18	289.3	81	268.9	200.7
16 CARTERET	169	298.5	787	286.9	213.2
17 CASHELL	66	311.0	326	311.0	210.4
18 CATAMBA	310	250.2	1607	265.0	228.6
19 CHATHAM	134	319.4	585	289.5	200.1
20 CHEROKEE	86	400.9	410	394.0	200.5
21 CHOWAN	50	357.3	262	378.3	219.1
22 CLAY	23	304.1	131	357.1	171.3
23 CLEVELAND	331	377.1	1570	364.3	270.2
24 COLUMBUS	191	374.5	955	380.4	288.1
25 CRAVEN	197	233.4	1002	241.0	220.5
26 CUMBERLAND	503	172.3	2583	181.8	275.8
27 CURRITUCK	40	259.7	192	264.8	229.4
28 DARE	45	181.4	258	218.5	212.8
29 DAVIDSON	406	301.2	1934	294.9	246.5
30 DAVIE	93	317.0	421	293.4	216.0
31 DUPLIN	156	371.5	688	335.4	241.3
32 DURHAM	392	205.1	1997	212.8	190.1
33 EDGECOMBE	205	363.7	948	334.4	274.9
34 FORSYTH	704	254.9	3648	269.8	210.6
35 FRANKLIN	125	309.3	599	310.1	233.6
36 GASTON	578	324.9	3016	341.0	289.7
37 GATES	34	349.1	184	386.5	255.9
38 GRAHAM	19	256.1	121	333.4	199.0
39 GRANVILLE	112	276.7	612	308.8	248.2
40 GREENE	44	268.4	224	282.2	233.7
41 GUILFORD	949	259.6	4700	264.3	213.8

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
DISEASES OF THE HEART CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	225	393.5	1107	391.7	285.4
43 HARNETT	223	298.0	1019	287.2	250.5
44 HAYWOOD	180	367.0	918	380.8	221.2
45 HENDERSON	303	403.5	1475	407.8	193.8
46 HERTFORD	80	356.7	410	364.6	239.7
47 HOKE	57	214.1	278	230.2	241.7
48 HYDE	29	550.3	127	470.8	291.2
49 IREDELL	322	319.5	1477	304.0	230.1
50 JACKSON	78	274.5	395	286.1	218.0
51 JOHNSTON	247	269.8	1395	322.7	268.5
52 JONES	33	347.4	166	351.3	255.3
53 LEE	140	312.4	650	302.0	235.9
54 LENOIR	196	333.9	1014	349.0	260.3
55 LINCOLN	155	283.2	735	280.9	240.2
56 MCDOWELL	117	318.6	657	364.0	283.3
57 MACON	100	392.6	477	388.4	185.0
58 MADISON	62	352.3	289	335.6	192.3
59 MARTIN	80	307.0	416	325.4	233.1
60 MECKLENBURG	1091	194.4	5361	199.7	204.3
61 MITCHELL	55	380.4	280	388.6	167.4
62 MONTGOMERY	91	384.2	391	332.8	253.1
63 MOORE	239	367.9	1081	350.3	192.4
64 NASH	255	308.0	1234	310.3	254.1
65 NEW HANOVER	354	262.3	1681	263.6	213.8
66 NORTHAMPTON	68	329.9	422	407.8	227.6
67 ONSLOW	207	140.7	873	117.4	241.0
68 ORANGE	178	170.1	786	158.0	172.6
69 PAHLICO	45	382.0	189	327.6	188.2
70 PASQUOTANK	109	327.5	550	342.1	249.0
71 PENDER	80	238.2	468	299.4	219.0
72 PERQUIMANS	42	397.8	202	385.8	223.9
73 PERSON	103	328.7	496	323.0	225.6
74 PITT	247	212.8	1201	213.8	215.4
75 POLK	69	446.0	360	480.1	217.1
76 RANDOLPH	308	272.7	1544	281.3	234.7
77 RICHMOND	182	404.1	850	378.4	280.3
78 ROBESON	337	306.7	1586	295.7	274.1
79 ROCKINGHAM	277	316.0	1427	329.6	231.9
80 ROWAN	391	334.6	1977	348.4	233.5
81 RUTHERFORD	223	380.4	1155	399.8	264.2
82 SAMPSON	170	340.9	862	355.2	254.5
83 SCOTLAND	122	352.3	543	316.8	287.0
84 STANLY	188	349.9	922	349.3	251.8
85 STOKES	124	308.8	528	274.3	233.4
86 SURRY	221	343.4	1037	329.5	234.5
87 SWAIN	56	486.8	237	418.5	257.5
88 TRANSYLVANIA	100	369.8	420	319.0	164.1
89 TYRRELL	13	340.8	90	469.4	270.5
90 UNION	220	233.2	1140	256.3	266.9
91 VANCE	137	343.4	729	370.5	288.6
92 WAKE	740	149.0	3662	158.8	192.3
93 WARREN	71	397.4	318	363.2	204.8
94 WASHINGTON	76	547.7	266	382.3	268.4
95 WATAUGA	105	266.7	408	215.0	195.0
96 WAYNE	277	253.9	1458	272.3	261.7
97 WILKES	152	248.1	846	279.9	223.4
98 WILSON	210	311.3	1017	304.6	241.2
99 YADKIN	103	313.3	521	329.5	238.2
100 YANCEY	49	306.5	243	309.8	199.0

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Diseases of the Heart

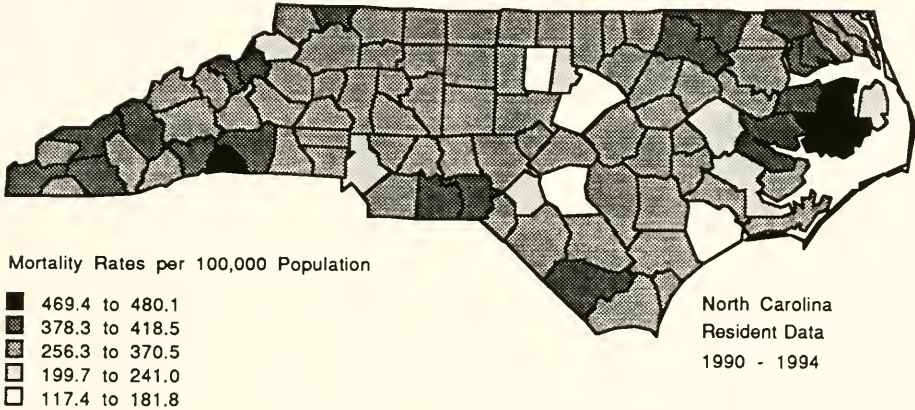


Figure 6.A

Diseases of the Heart

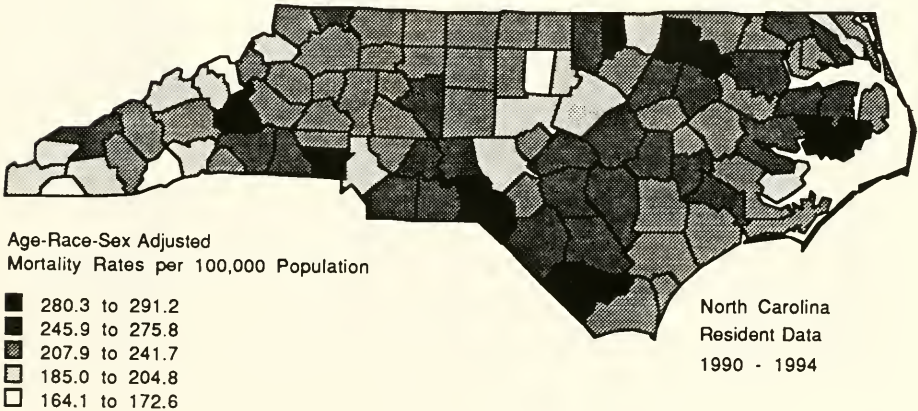


Figure 6.B

T A B L E - 7

M O R T A L I T Y S T A T I S T I C S F O R 1 9 9 4

N O R T H C A R O L I N A R E S I D E N T S

C E R E B R O V A S C U L A R

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	5174	73.2	23581	68.9	54.8
REGIONS					
D.E.H.N.R. I	611	79.8	2821	75.6	47.4
D.E.H.N.R. II	1004	66.6	4614	63.3	54.7
D.E.H.N.R. III	1129	80.0	5191	75.4	55.8
D.E.H.N.R. IV	989	69.4	4566	66.9	57.8
D.E.H.N.R. V	558	72.0	2431	64.6	56.9
D.E.H.N.R. VI	540	82.4	2409	75.0	56.2
D.E.H.N.R. VII	343	65.5	1549	60.9	56.4
COUNTIES					
1 ALAMANCE	100	88.0	457	82.6	55.3
2 ALEXANDER	10	33.7	71	49.7	47.9
3 ALLEGHANY	9	93.7	41	84.6	37.4
4 ANSON	33	137.4	127	107.6	55.6
5 ASHE	20	87.2	104	92.3	71.8
6 AVERY	4	26.5	29	38.7	31.1
7 BEAUFORT	36	83.3	178	83.2	50.8
8 BERTIE	24	117.1	105	102.9	63.7
9 BLADEN	40	135.7	154	106.2	67.3
10 BRUNSWICK	39	66.6	154	56.2	45.1
11 BUNCOMBE	155	83.4	718	79.7	50.2
12 BURKE	48	60.3	191	49.3	41.7
13 CABARRUS	57	53.2	285	55.2	43.0
14 CALDWELL	51	69.8	238	66.3	58.2
15 CAMDEN	7	112.5	31	102.9	74.7
16 CARTERET	26	45.9	164	59.8	51.6
17 CASHELL	18	84.8	96	91.6	59.8
18 CATAWBA	86	69.4	368	60.7	53.2
19 CHATHAM	32	76.3	152	75.2	49.7
20 CHEROKEE	14	65.3	63	60.5	25.3
21 CHOWAN	14	100.1	80	115.5	61.7
22 CLAY	4	52.9	19	51.8	21.3
23 CLEVELAND	79	90.0	349	81.0	60.8
24 COLUMBUS	38	74.5	217	86.4	60.6
25 CRAVEN	58	68.7	242	58.2	52.2
26 CUMBERLAND	106	36.3	462	32.5	46.8
27 CURRITUCK	14	90.9	51	70.3	60.6
28 DARE	11	44.3	50	42.3	41.2
29 DAVIDSON	94	69.7	411	62.7	52.2
30 DAVIE	18	61.4	83	57.8	39.8
31 DUPLIN	68	161.9	270	131.6	90.7
32 DURHAM	120	62.8	558	59.5	51.4
33 EDGECOMBE	55	97.6	290	102.3	74.9
34 FORSYTH	216	78.2	1027	76.0	55.3
35 FRANKLIN	34	84.1	144	74.6	52.4
36 GASTON	107	60.1	498	56.3	46.8
37 GATES	8	82.1	36	75.6	50.1
38 GRAHAM	3	40.4	23	63.4	42.2
39 GRANVILLE	39	96.3	173	87.3	66.9
40 GREENE	10	61.0	43	54.2	41.4
41 GUILFORD	298	81.5	1362	76.6	57.9

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
CEREBROVASCULAR CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	64	111.9	308	109.0	72.1
43 HARNETT	41	54.8	182	51.3	44.0
44 HAYWOOD	28	57.1	178	73.8	52.7
45 HENDERSON	76	101.2	355	98.1	53.9
46 HERTFORD	30	133.7	122	108.5	60.0
47 HOKI	12	45.1	76	62.9	61.5
48 HYDE	9	170.8	33	122.3	67.3
49 IREDELL	84	83.3	376	77.4	56.3
50 JACKSON	12	42.2	68	49.3	30.9
51 JOHNSTON	72	78.6	312	72.2	58.1
52 JONES	10	105.3	46	97.3	66.2
53 LEE	29	64.7	120	55.8	44.2
54 LENOIR	70	119.3	301	103.6	71.2
55 LINCOLN	40	73.1	191	73.0	66.8
56 MCDOWELL	32	87.1	131	72.6	49.2
57 MACON	22	86.4	101	82.2	35.8
58 MADISON	17	96.6	100	116.1	58.4
59 MARTIN	19	72.9	84	65.7	43.2
60 MECKLENBURG	308	54.9	1428	53.2	52.8
61 MITCHELL	18	124.5	58	80.5	89.8
62 MONTGOMERY	15	63.3	85	72.3	53.0
63 MOORE	86	132.4	338	109.5	59.7
64 NASH	72	87.0	334	84.0	64.9
65 NEW HANOVER	120	88.9	492	77.1	61.4
66 NORTHAMPTON	33	160.1	130	125.6	70.3
67 ONSLOW	27	18.3	138	18.6	38.2
68 ORANGE	48	45.9	204	41.0	43.3
69 PAMLICO	9	76.4	50	86.7	45.3
70 PASQUOTANK	20	60.1	121	75.3	51.1
71 PENDER	25	74.4	114	72.9	50.8
72 PERQUIMANS	15	142.1	62	118.4	59.4
73 PERSON	34	108.5	145	94.4	63.0
74 PITT	91	78.4	381	67.8	61.9
75 POLK	18	116.3	88	117.4	54.7
76 RANDOLPH	85	75.3	363	66.1	55.2
77 RICHMOND	41	91.0	193	85.9	61.2
78 ROBESON	101	91.9	418	77.9	70.3
79 ROCKINGHAM	100	114.1	422	97.5	65.1
80 ROWAN	114	97.6	528	93.0	61.4
81 RUTHERFORD	69	117.7	252	87.2	54.8
82 SAMPSON	60	120.3	274	112.9	75.0
83 SCOTLAND	23	66.4	122	71.2	58.7
84 STANLY	62	115.4	282	106.8	72.9
85 STOKES	37	92.1	147	76.4	66.8
86 SURRY	47	73.0	258	82.0	53.1
87 SWAIN	5	43.5	48	84.8	50.3
88 TRANSYLVANIA	17	62.9	85	64.6	34.2
89 TYRRELL	3	78.7	13	67.8	36.3
90 UNION	57	60.4	238	53.5	56.4
91 VANCE	47	117.8	179	91.0	61.6
92 WAKE	218	43.9	1055	45.8	53.7
93 WARREN	17	95.2	113	129.1	57.9
94 WASHINGTON	7	50.5	38	54.6	37.9
95 WATAUGA	20	50.8	67	35.3	24.4
96 WAYNE	75	68.8	342	63.9	58.2
97 WILKES	47	76.7	247	81.7	61.4
98 WILSON	75	111.2	349	104.5	77.3
99 YADKIN	20	60.8	106	67.0	44.8
100 YANCEY	18	112.6	76	96.9	42.9

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cerebrovascular Disease

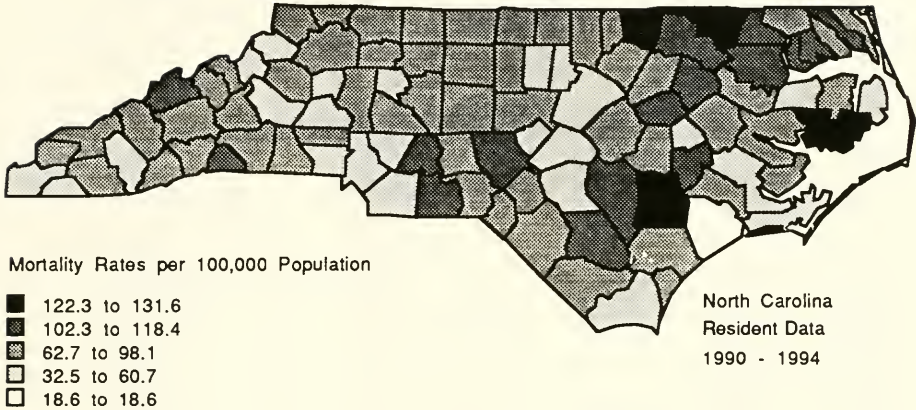


Figure 7.A

Cerebrovascular Disease

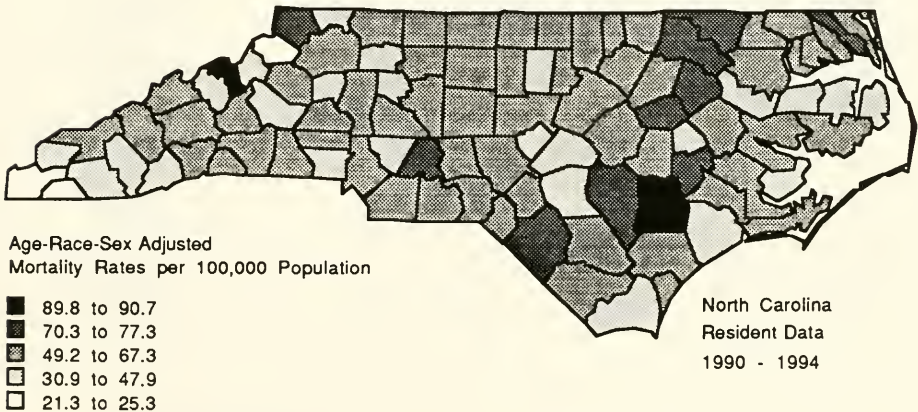


Figure 7.B

TABLE - 8
MORTALITY STATISTICS FOR 1994
NORTH CAROLINA RESIDENTS
ATHEROSCLEROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	409	5.8	1897	5.5	4.2
REGIONS					
D.E.H.N.R. I	52	6.8	226	6.1	3.9
D.E.H.N.R. II	70	4.6	326	4.5	3.7
D.E.H.N.R. III	82	5.8	415	6.0	4.1
D.E.H.N.R. IV	72	5.1	353	5.2	4.3
D.E.H.N.R. V	49	6.3	168	4.5	4.0
D.E.H.N.R. VI	60	9.2	294	9.2	7.0
D.E.H.N.R. VII	24	4.6	115	4.5	4.2
COUNTIES					
1 ALAMANCE	7	6.2	51	9.2	5.6
2 ALEXANDER	0	0.0	0	0.0	0.0
3 ALLEGHANY	0	0.0	1	2.1	1.0
4 ANSON	0	0.0	3	2.5	0.7
5 ASHE	0	0.0	9	8.0	18.9
6 AVERY	1	6.6	1	1.3	0.7
7 BEAUFORT	0	0.0	6	2.8	1.8
8 BERTIE	4	19.5	14	13.7	8.1
9 BLADEN	7	23.7	24	16.5	10.8
10 BRUNSWICK	5	8.5	15	5.5	4.6
11 BUNCOMBE	19	10.2	84	9.3	6.0
12 BURKE	0	0.0	15	3.9	3.2
13 CABARRUS	2	1.9	14	2.7	2.4
14 CALDWELL	4	5.5	7	1.9	1.2
15 CAMDEN	1	16.1	5	16.6	12.2
16 CARTERET	1	1.8	3	1.1	1.6
17 CASHMELL	2	9.4	7	6.7	4.8
18 CATAWBA	3	2.4	21	3.5	3.0
19 CHATHAM	2	4.8	8	4.0	2.4
20 CHEROKEE	2	9.3	9	8.6	3.0
21 CHOMAN	8	57.2	21	30.3	16.2
22 CLAY	1	13.2	3	8.2	3.4
23 CLEVELAND	3	3.4	30	7.0	4.9
24 COLUMBUS	0	0.0	5	2.0	1.6
25 CRAVEN	1	1.2	19	4.6	4.1
26 CUMBERLAND	16	5.5	50	3.5	5.5
27 CURRITUCK	3	19.5	15	20.7	16.7
28 DARE	1	4.0	8	6.8	4.5
29 DAVIDSON	2	1.5	23	3.5	3.3
30 DAVIE	0	0.0	3	2.1	1.2
31 DUPLIN	6	14.3	38	18.5	13.1
32 DURHAM	11	5.8	85	9.1	6.4
33 EDGECOMBE	5	8.9	26	9.2	7.9
34 FORSYTH	11	4.0	54	4.0	2.8
35 FRANKLIN	2	4.9	6	3.1	2.4
36 GASTON	8	4.5	24	2.7	1.9
37 GATES	1	10.3	4	8.4	4.1
38 GRAHAM	1	13.5	4	11.0	5.8
39 GRANVILLE	4	9.9	9	4.5	3.9
40 GREENE	5	30.5	12	15.1	7.3
41 GUILFORD	33	9.0	164	9.2	6.6

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
ATHEROSCLEROSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	1	1.7	19	6.7	4.2
43 HARNETT	2	2.7	10	2.8	2.2
44 HAYWOOD	1	2.0	4	1.7	0.9
45 HENDERSON	1	1.3	6	1.7	0.5
46 HERTFORD	2	8.9	17	15.1	9.9
47 HOKE	1	3.8	3	2.5	1.1
48 HYDE	0	0.0	0	0.0	0.0
49 IREDELL	4	4.0	15	3.1	2.2
50 JACKSON	1	3.5	5	3.6	3.3
51 JOHNSTON	4	4.4	17	3.9	3.2
52 JONES	1	10.5	4	8.5	6.4
53 LEE	4	8.9	12	5.6	4.1
54 LENOIR	12	20.4	63	21.7	14.7
55 LINCOLN	4	7.3	9	3.4	2.4
56 MCDOWELL	3	8.2	15	8.3	4.9
57 MACON	2	7.9	3	2.4	1.1
58 MADISON	1	5.7	6	7.0	2.8
59 MARTIN	4	15.4	10	7.8	5.3
60 MECKLENBURG	16	2.9	77	2.9	2.8
61 MITCHELL	0	0.0	3	4.2	1.3
62 MONTGOMERY	2	8.4	2	1.7	1.2
63 MOORE	4	6.2	11	3.6	1.6
64 NASH	4	4.8	23	5.8	4.7
65 NEW HANOVER	8	5.9	33	5.2	4.1
66 NORTHAMPTON	4	19.4	10	9.7	6.3
67 ONSLOW	2	1.4	11	1.5	3.1
68 ORANGE	6	5.7	20	4.0	4.3
69 PAMLICO	0	0.0	2	3.5	2.2
70 PASQUOTANK	4	12.0	19	11.8	8.0
71 PENDER	2	6.0	10	6.4	4.3
72 PERQUIMANS	2	18.9	16	30.6	15.4
73 PERSON	4	12.8	12	7.8	5.0
74 PITT	1	0.9	16	2.8	3.3
75 POLK	0	0.0	5	6.7	1.5
76 RANDOLPH	1	0.9	20	3.6	3.4
77 RICHMOND	5	11.1	14	6.2	4.3
78 ROBESON	8	7.3	39	7.3	7.3
79 ROCKINGHAM	0	0.0	15	3.5	2.1
80 ROWAN	19	16.3	90	15.9	9.2
81 RUTHERFORD	12	20.5	42	14.5	7.9
82 SAMPSON	3	6.0	9	3.7	3.4
83 SCOTLAND	1	2.9	3	1.8	0.8
84 STANLY	9	16.8	34	12.9	9.2
85 STOKES	12	29.9	20	10.4	6.4
86 SURRY	10	15.5	25	7.9	3.8
87 SWAIN	0	0.0	5	8.8	4.5
88 TRANSYLVANIA	2	7.4	5	3.8	5.0
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	2	2.1	12	2.7	3.2
91 VANCE	4	10.0	8	4.1	3.2
92 WAKE	9	1.8	48	2.1	2.4
93 WARREN	1	5.6	4	4.6	2.9
94 WASHINGTON	0	0.0	2	2.9	2.8
95 WATAUGA	2	5.1	7	3.7	2.3
96 WAYNE	10	9.2	41	7.7	7.5
97 WILKES	1	1.6	11	3.6	2.2
98 WILSON	7	10.4	46	13.8	9.9
99 YADKIN	1	3.0	5	3.2	1.4
100 YANCEY	1	6.3	4	5.1	1.7

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
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Atherosclerosis

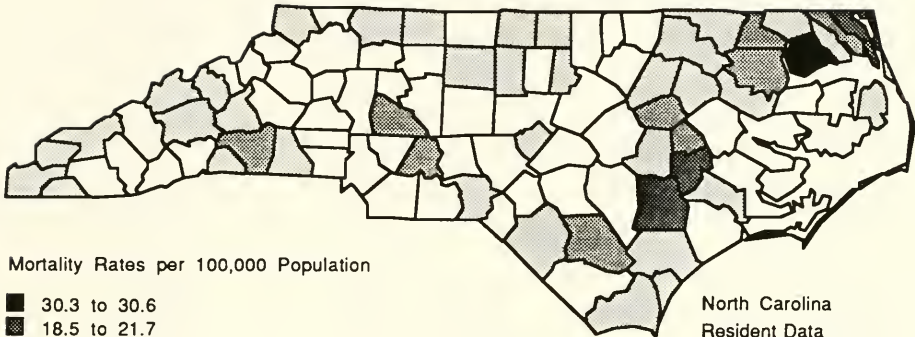


Figure 8.A

Atherosclerosis

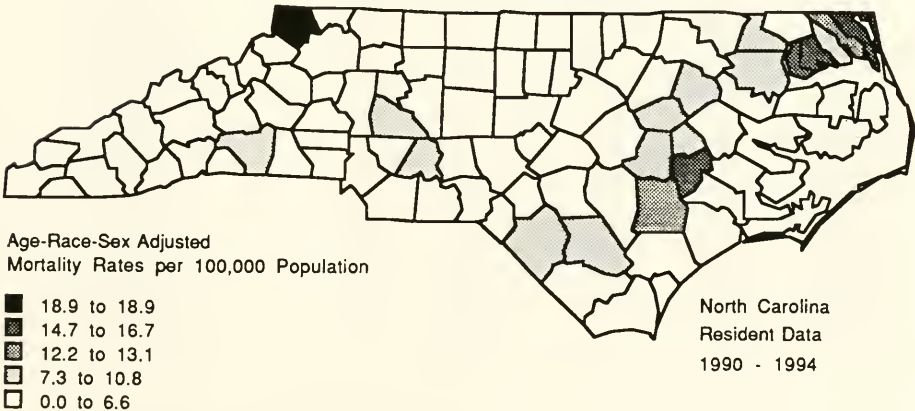


Figure 8.B

TABLE - 9

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

CANCER - ALL SITES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	14585	206.5	69476	202.9	178.4
REGIONS					
D.E.H.N.R. I	1887	246.5	9227	247.2	172.5
D.E.H.N.R. II	2994	198.5	14152	194.2	181.4
D.E.H.N.R. III	3067	217.2	14296	207.5	174.1
D.E.H.N.R. IV	2675	187.7	12717	186.4	178.9
D.E.H.N.R. V	1494	192.8	7001	186.1	181.1
D.E.H.N.R. VI	1425	217.5	7067	220.1	185.0
D.E.H.N.R. VII	1043	199.1	5016	197.3	189.3
COUNTIES					
1 ALAMANCE	266	234.0	1238	223.6	168.1
2 ALEXANDER	55	185.5	251	175.9	163.5
3 ALLEGHANY	32	333.0	120	247.6	191.3
4 ANSON	54	224.9	285	241.4	180.2
5 ASHE	62	270.5	293	260.1	183.4
6 AVERY	41	272.1	164	219.0	125.7
7 BEAUFORT	93	215.1	547	255.8	187.7
8 BERTIE	58	283.0	280	274.4	191.4
9 BLADEN	59	200.1	343	236.5	175.6
10 BRUNSWICK	152	259.7	666	243.2	174.7
11 BUNCOMBE	462	248.6	2327	258.3	185.1
12 BURKE	166	208.4	815	210.4	168.7
13 CABARRUS	215	200.5	1065	206.2	176.5
14 CALDWELL	170	232.6	767	213.6	186.3
15 CAMDEN	18	289.3	73	242.3	183.0
16 CARTERET	156	275.5	708	258.1	213.6
17 CASHWELL	62	292.2	258	246.1	171.6
18 CATAWBA	269	217.1	1253	206.6	181.7
19 CHATHAM	79	188.3	447	221.2	167.5
20 CHEROKEE	56	261.0	272	261.4	166.0
21 CHOWAN	47	335.9	184	265.7	179.8
22 CLAY	18	238.0	105	286.2	156.7
23 CLEVELAND	194	221.0	882	204.6	165.1
24 COLUMBUS	119	233.3	591	235.4	188.6
25 CRAVEN	174	206.1	806	193.9	182.7
26 CUMBERLAND	417	142.9	1889	132.9	192.2
27 CURRITUCK	41	266.2	183	252.4	217.5
28 DARE	50	201.6	249	210.8	179.1
29 DAVIDSON	298	221.1	1254	191.2	162.6
30 DAVIE	60	204.5	285	198.6	157.3
31 DUPLIN	103	245.3	517	252.0	192.9
32 DURHAM	387	202.5	1826	194.6	193.6
33 EDGECOMBE	130	230.6	698	246.2	206.0
34 FORSYTH	622	225.2	2825	208.9	179.4
35 FRANKLIN	84	207.8	411	212.8	175.4
36 GASTON	389	218.7	1875	212.0	192.8
37 GATES	28	287.5	110	231.1	163.7
38 GRAHAM	29	390.8	98	270.0	211.2
39 GRANVILLE	107	264.3	421	212.4	168.8
40 GREENE	29	176.9	142	178.9	146.3
41 GUILFORD	747	204.3	3628	204.0	178.9

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
CANCER - ALL SITES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	144	251.8	682	241.3	175.7
43 HARNETT	163	217.8	739	208.3	192.3
44 HAYWOOD	110	224.3	610	253.1	169.2
45 HENDERSON	209	278.3	1102	304.6	176.5
46 HERTFORD	61	272.0	312	277.4	188.9
47 HOKE	46	172.8	234	193.8	223.1
48 HYDE	16	303.6	73	270.6	189.7
49 IREDELL	236	234.2	1031	212.2	173.4
50 JACKSON	67	235.8	269	194.9	151.0
51 JOHNSTON	188	205.3	869	201.0	178.4
52 JONES	21	221.1	87	184.1	126.8
53 LEE	101	225.4	499	231.9	188.4
54 LENOIR	148	252.2	729	250.9	195.4
55 LINCOLN	107	195.5	518	198.0	181.0
56 MCDOWELL	80	217.8	390	216.1	152.4
57 MACON	88	345.5	366	298.0	174.0
58 MADISON	42	238.7	187	217.1	270.0
59 MARTIN	63	241.8	324	255.4	183.3
60 MECKLENBURG	956	170.3	4600	171.4	184.0
61 MITCHELL	49	338.9	220	305.3	150.5
62 MONTGOMERY	50	211.1	262	223.0	184.2
63 MOORE	184	283.2	873	282.9	170.6
64 NASH	180	217.4	844	212.2	182.0
65 NEW HANOVER	287	212.6	1467	230.0	197.9
66 NORTHAMPTON	63	305.7	287	277.4	158.3
67 ONSLOW	136	92.4	700	94.2	191.9
68 ORANGE	134	128.0	683	137.3	162.1
69 PAHLICO	31	263.2	180	312.0	200.8
70 PASQUOTANK	81	243.3	387	240.7	192.4
71 PENDER	90	268.0	367	234.8	175.4
72 PERQUIMANS	27	255.7	148	282.7	174.4
73 PERSON	86	274.5	358	233.2	180.4
74 PITT	207	178.3	998	177.6	188.5
75 POLK	46	297.3	248	330.7	194.3
76 RANDOLPH	204	180.6	1049	191.1	166.2
77 RICHMOND	113	250.9	520	231.5	184.7
78 ROBESON	225	204.8	989	184.4	188.8
79 ROCKINGHAM	228	260.1	1051	242.8	189.3
80 ROWAN	277	237.0	1367	240.9	179.4
81 RUTHERFORD	123	209.8	659	228.1	170.7
82 SAMPSON	114	228.6	535	220.5	166.7
83 SCOTLAND	69	199.2	332	193.7	188.9
84 STANLY	127	236.4	569	215.6	173.5
85 STOKES	73	181.8	391	203.1	176.3
86 SURRY	155	240.9	699	222.1	177.4
87 SWAIN	28	243.4	139	245.5	186.0
88 TRANSYLVANIA	76	281.1	331	251.4	164.3
89 TYRRELL	11	288.4	46	239.9	148.9
90 UNION	169	179.1	741	166.6	176.4
91 VANCE	86	215.6	458	232.8	191.9
92 WAKE	693	139.6	3193	138.5	171.4
93 WARREN	49	274.3	257	293.6	173.8
94 WASHINGTON	39	281.1	184	264.4	190.5
95 WATAUGA	49	124.5	261	137.5	166.1
96 WAYNE	182	166.8	1025	191.4	180.4
97 WILKES	135	220.4	598	197.8	160.1
98 WILSON	164	243.1	784	234.8	199.8
99 YADKIN	74	225.1	346	218.8	163.7
100 YANCEY	27	168.9	158	201.5	121.8

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - All Sites

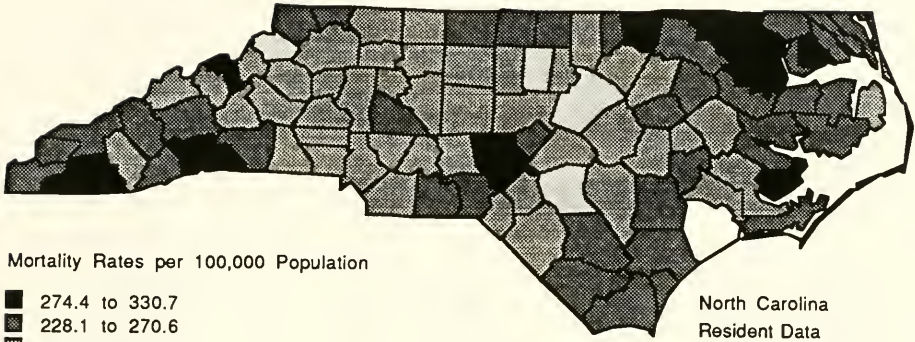


Figure 9.A

Cancer - All Sites

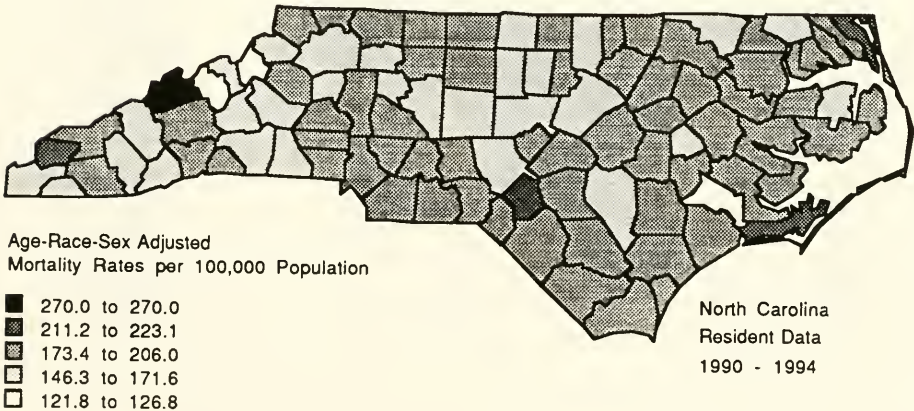


Figure 9.B

TABLE - 10

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

CANCER - COLON, RECTUM AND ANUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	1461	20.7	6967	20.3	17.4
REGIONS					
D.E.H.N.R. I	202	26.4	971	26.0	17.6
D.E.H.N.R. II	297	19.7	1379	18.9	17.1
D.E.H.N.R. III	308	21.8	1454	21.1	17.5
D.E.H.N.R. IV	240	16.8	1187	17.4	16.1
D.E.H.N.R. V	153	19.7	737	19.6	18.5
D.E.H.N.R. VI	154	23.5	749	23.3	19.2
D.E.H.N.R. VII	107	20.4	490	19.3	18.2
COUNTIES					
1 ALAMANCE	30	26.4	128	23.1	17.1
2 ALEXANDER	4	13.5	24	16.8	15.8
3 ALLEGHANY	4	41.6	10	20.6	28.0
4 ANSON	8	33.3	36	30.5	16.5
5 ASHE	4	17.4	28	24.9	25.7
6 AVERY	3	19.9	20	26.7	15.2
7 BEAUFORT	9	20.8	46	21.5	15.6
8 BERTIE	3	14.6	29	28.4	20.4
9 BLADEN	7	23.7	33	22.7	16.6
10 BRUNSWICK	23	39.3	73	26.7	18.7
11 BUNCOMBE	52	28.0	252	28.0	19.3
12 BURKE	17	21.3	90	23.2	18.6
13 CABARRUS	31	28.9	113	21.9	17.9
14 CALDWELL	17	23.3	76	21.2	19.3
15 CAMDEN	2	32.1	9	29.9	22.1
16 CARTERET	13	23.0	63	23.0	17.7
17 CASWELL	6	28.3	31	29.6	18.4
18 CATAWBA	33	26.6	140	23.1	19.5
19 CHATHAM	6	14.3	36	17.8	14.4
20 CHEROKEE	5	23.3	26	25.0	14.2
21 CHOWAN	2	14.3	26	37.5	25.2
22 CLAY	4	52.9	12	32.7	12.9
23 CLEVELAND	15	17.1	95	22.0	17.0
24 COLUMBUS	10	19.6	48	19.1	15.6
25 CRAVEN	21	24.9	81	19.5	18.8
26 CUMBERLAND	30	10.3	184	12.9	18.8
27 CURRITUCK	2	13.0	11	15.2	15.1
28 DARE	5	20.2	21	17.8	17.9
29 DAVIDSON	31	23.0	129	19.7	17.6
30 DAVIE	8	27.3	40	27.9	22.4
31 DUPLIN	7	16.7	50	24.4	18.6
32 DURHAM	35	18.3	173	18.4	17.0
33 EDGECOMBE	10	17.7	66	23.3	19.0
34 FORSYTH	64	23.2	278	20.6	17.3
35 FRANKLIN	10	24.7	40	20.7	17.1
36 GASTON	39	21.9	178	20.1	18.1
37 GATES	2	20.5	12	25.2	20.7
38 GRAHAM	2	27.0	9	24.8	13.1
39 GRANVILLE	10	24.7	45	22.7	16.6
40 GREENE	0	0.0	12	15.1	11.5
41 GUILFORD	72	19.7	368	20.7	17.5

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
CANCER - COLON, RECTUM AND ANUS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	12	21.0	72	25.5	17.8
43 HARNETT	17	22.7	75	21.1	18.4
44 HAYWOOD	11	22.4	57	23.6	11.2
45 HENDERSON	24	32.0	127	35.1	23.7
46 HERTFORD	7	31.2	39	34.7	20.9
47 HOKE	3	11.3	24	19.9	25.1
48 HYDE	1	19.0	7	25.9	15.5
49 IREDELL	25	24.8	119	24.5	19.2
50 JACKSON	4	14.1	22	15.9	12.4
51 JOHNSTON	11	12.0	78	18.0	16.2
52 JONES	3	31.6	12	25.4	20.9
53 LEE	7	15.6	42	19.5	15.8
54 LENOIR	20	34.1	76	26.2	19.9
55 LINCOLN	8	14.6	58	22.2	20.3
56 MCDONELL	10	27.2	37	20.5	15.0
57 MACON	13	51.0	39	51.8	20.5
58 MADISON	3	17.0	12	13.9	6.5
59 MARTIN	13	49.9	40	31.3	23.0
60 MECKLENBURG	88	15.7	400	14.9	15.9
61 MITCHELL	4	27.7	20	27.8	13.4
62 MONTGOMERY	4	16.9	22	18.7	14.9
63 MOORE	24	36.9	104	33.7	19.4
64 NASH	16	19.3	79	19.9	16.3
65 NEW HANOVER	20	14.8	138	21.6	17.9
66 NORTHAMPTON	6	29.1	32	50.9	18.8
67 ONSLOW	22	15.0	80	10.8	22.0
68 ORANGE	8	7.6	61	12.3	13.7
69 PAMLICO	3	25.5	15	26.0	15.5
70 PASQUOTANK	12	36.1	45	28.0	21.5
71 PENDER	12	35.7	38	24.3	17.6
72 PERQUIMANS	4	37.9	15	28.7	18.1
73 PERSON	17	54.3	40	26.1	20.4
74 PITT	22	19.0	103	18.3	19.5
75 POLK	7	45.2	22	29.3	12.7
76 RANDOLPH	19	16.8	116	21.1	19.4
77 RICHMOND	16	35.5	58	25.8	20.6
78 ROBESON	24	21.8	105	19.6	18.4
79 ROCKINGHAM	27	30.8	113	26.1	19.8
80 ROWAN	25	21.4	127	22.4	15.6
81 RUTHERFORD	15	25.6	75	26.0	18.8
82 SAMPSON	10	20.1	57	23.5	17.0
83 SCOTLAND	10	28.9	39	22.8	21.5
84 STANLY	11	20.5	46	17.4	13.0
85 STOKES	7	17.4	24	12.5	9.0
86 SURRY	12	18.6	60	19.1	13.3
87 SWAIN	1	8.7	13	23.0	14.2
88 TRANSYLVANIA	7	25.9	44	33.4	17.6
89 TYRRELL	0	0.0	8	41.7	26.2
90 UNION	18	19.1	79	17.8	18.9
91 VANCE	2	5.0	36	18.3	11.5
92 WAKE	75	15.1	298	12.9	15.6
93 WARREN	3	16.8	28	32.0	17.4
94 WASHINGTON	3	21.6	26	37.4	24.4
95 WATAUGA	3	7.6	28	14.8	16.5
96 WAYNE	20	18.3	116	21.7	19.9
97 WILKES	10	16.3	58	19.2	14.2
98 WILSON	12	17.8	61	18.3	14.4
99 YADKIN	11	33.5	43	27.2	20.3
100 YANCEY	3	18.8	18	23.0	12.0

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - Colon, Rectum and Anus

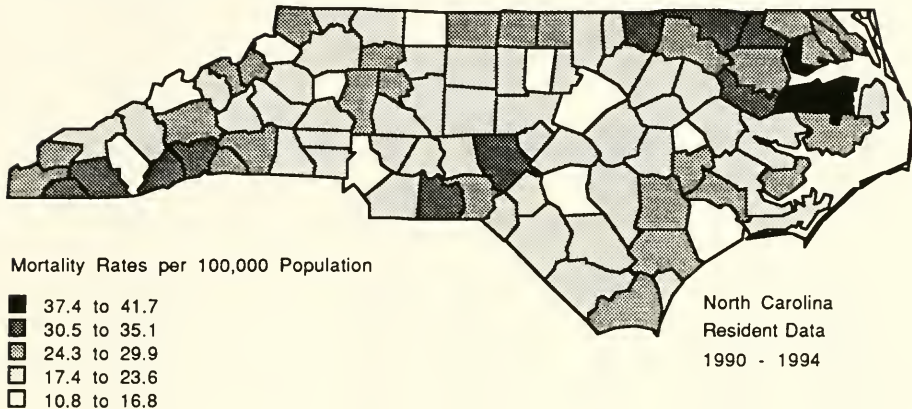


Figure 10.A

Cancer - Colon, Rectum and Anus

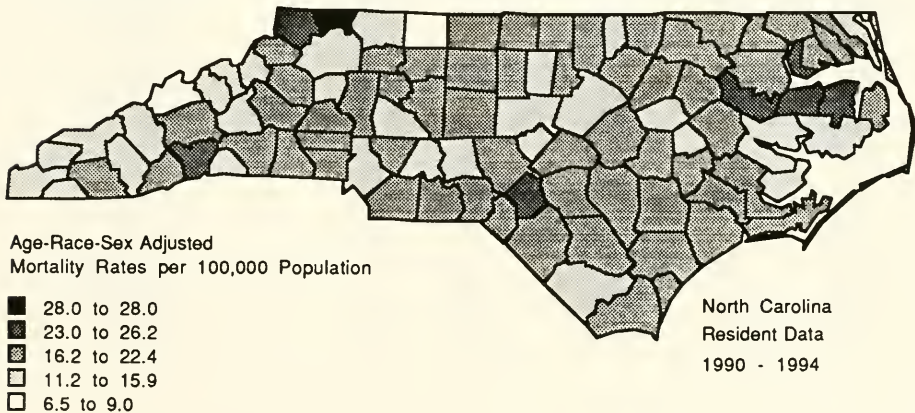


Figure 10.B

TABLE - 11

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

CANCER - TRACHEA, BRONCHUS AND LUNG

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	4490	63.6	20674	60.4	54.3
REGIONS					
D.E.H.N.R. I	577	75.4	2719	72.9	50.6
D.E.H.N.R. II	914	60.6	4145	56.9	54.0
D.E.H.N.R. III	923	65.4	4255	61.8	52.5
D.E.H.N.R. IV	798	56.0	3648	53.5	54.2
D.E.H.N.R. V	463	59.8	2125	56.5	57.6
D.E.H.N.R. VI	460	70.2	2153	67.1	59.1
D.E.H.N.R. VII	355	67.8	1629	64.1	61.6
COUNTIES					
1 ALAMANCE	83	73.0	377	68.1	51.9
2 ALEXANDER	18	60.7	73	51.1	41.7
3 ALLEGHANY	8	83.2	41	84.6	43.7
4 ANSON	11	45.8	81	68.6	58.2
5 ASHE	21	91.6	91	80.8	68.5
6 AVERY	14	92.9	54	72.1	42.9
7 BEAUFORT	36	83.3	169	79.0	61.0
8 BERTIE	14	68.3	81	79.4	60.8
9 BLADEN	15	50.9	105	72.4	58.8
10 BRUNSWICK	50	85.4	221	80.7	56.1
11 BUNCOMBE	135	72.7	678	75.3	55.7
12 BURKE	53	66.5	242	62.5	49.7
13 CABARRUS	69	64.4	304	58.9	49.3
14 CALDWELL	55	75.3	254	70.7	60.3
15 CAMDEN	6	96.4	21	69.7	53.6
16 CARTERET	53	93.6	240	87.5	71.4
17 CASHELL	18	84.8	74	70.6	52.7
18 CATAWBA	84	67.8	395	65.1	56.4
19 CHATHAM	25	59.6	107	52.9	40.6
20 CHEROKEE	23	107.2	101	97.1	63.5
21 CHOWAN	16	114.3	53	76.5	54.9
22 CLAY	3	39.7	27	73.6	36.2
23 CLEVELAND	61	69.5	247	57.3	46.6
24 COLUMBUS	42	82.4	207	82.5	68.9
25 CRAVEN	60	71.1	244	58.7	55.4
26 CUMBERLAND	152	52.1	640	45.0	67.4
27 CURRITUCK	18	116.9	61	84.1	69.4
28 DARE	15	60.5	100	84.7	72.5
29 DAVIDSON	95	70.5	375	57.2	48.5
30 DAVIE	11	37.5	65	45.3	35.6
31 DUPLIN	31	73.8	151	73.6	57.4
32 DURHAM	125	65.4	557	59.4	64.6
33 EDGECOMBE	33	58.5	193	68.1	65.0
34 FORSYTH	185	67.0	824	60.9	54.1
35 FRANKLIN	23	56.9	124	64.2	57.4
36 GASTON	140	78.7	598	67.6	62.4
37 GATES	4	41.1	25	52.5	38.0
38 GRAHAM	11	148.2	35	96.4	71.3
39 GRANVILLE	27	66.7	112	56.5	51.5
40 GREENE	12	73.2	45	56.7	48.8
41 GUILFORD	218	59.6	1102	62.0	55.8

* SEE TECHNICAL NOTES

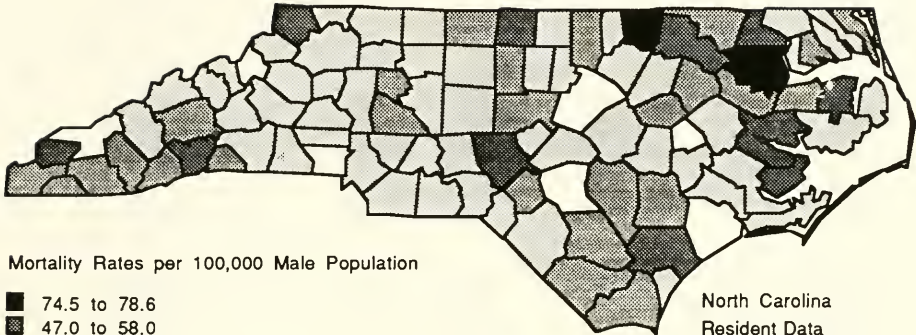
MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
CANCER - TRACHEA, BRONCHUS AND LUNG CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	35	61.2	185	65.5	49.9
43 HARNETT	54	72.2	230	64.8	62.4
44 HAYWOOD	35	71.4	186	77.2	45.7
45 HENDERSON	55	73.2	307	84.9	49.4
46 HERTFORD	22	98.1	89	79.1	54.8
47 HOKE	12	45.1	67	55.5	68.8
48 HYDE	7	132.8	25	92.7	76.4
49 IREDELL	78	77.4	294	60.5	49.2
50 JACKSON	23	80.9	72	52.2	40.7
51 JOHNSTON	78	85.2	294	68.0	60.0
52 JONES	7	73.7	34	72.0	52.3
53 LEE	25	55.8	151	70.2	56.9
54 LENOIR	48	81.8	213	73.3	60.8
55 LINCOLN	30	54.8	147	56.2	48.8
56 MCDOWELL	28	76.2	138	76.5	57.2
57 MACON	27	106.0	93	75.7	35.1
58 MADISON	11	62.5	55	63.9	34.3
59 MARTIN	18	69.1	104	81.4	66.9
60 MECKLENBURG	272	48.5	1317	49.1	54.7
61 MITCHELL	16	110.7	62	86.0	42.7
62 MONTGOMERY	15	63.3	83	70.6	59.5
63 MOORE	55	84.7	225	72.9	44.5
64 NASH	56	67.6	226	56.8	50.6
65 NEW HANOVER	106	78.5	473	74.2	64.4
66 NORTHAMPTON	14	67.9	79	76.3	46.2
67 ONSLOW	47	31.9	232	31.2	63.8
68 ORANGE	33	31.5	181	36.4	44.7
69 PAMLICO	9	76.4	59	102.3	68.1
70 PASQUOTANK	28	84.1	121	75.3	62.9
71 PENDER	26	77.4	105	67.2	51.8
72 PERQUIMANS	8	75.8	48	91.7	58.7
73 PERSON	27	86.2	117	76.2	61.7
74 PITT	65	56.0	285	50.7	57.3
75 POLK	10	64.6	67	89.3	53.5
76 RANDOLPH	54	47.8	300	54.7	47.1
77 RICHMOND	24	53.3	135	60.1	50.5
78 ROBESON	70	63.7	294	54.8	64.8
79 ROCKINGHAM	75	85.5	315	72.8	57.2
80 ROWAN	73	62.5	375	66.1	50.6
81 RUTHERFORD	37	63.1	190	65.8	48.2
82 SAMPSON	33	66.2	169	69.6	55.3
83 SCOTLAND	22	63.5	96	56.0	59.0
84 STANLY	36	67.0	179	67.8	55.1
85 STOKES	18	44.8	122	63.4	57.1
86 SURRY	60	93.2	228	72.4	56.5
87 SWAIN	9	78.2	44	77.7	58.1
88 TRANSYLVANIA	28	103.5	86	65.3	43.1
89 TYRRELL	3	78.7	14	73.0	50.9
90 UNION	53	56.2	216	48.6	50.6
91 VANCE	30	75.2	143	72.7	65.9
92 WAKE	201	40.5	873	37.9	48.9
93 WARREN	14	78.4	66	75.4	51.6
94 WASHINGTON	17	122.5	48	69.0	53.3
95 WATAUGA	12	30.5	72	37.9	40.2
96 WAYNE	47	43.1	314	58.6	58.2
97 WILKES	45	73.5	175	57.9	45.5
98 WILSON	52	77.1	240	71.9	64.8
99 YADKIN	20	60.8	94	59.4	49.0
100 YANCEY	4	25.0	28	35.7	18.0

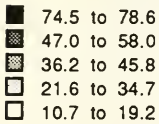
* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - Prostate



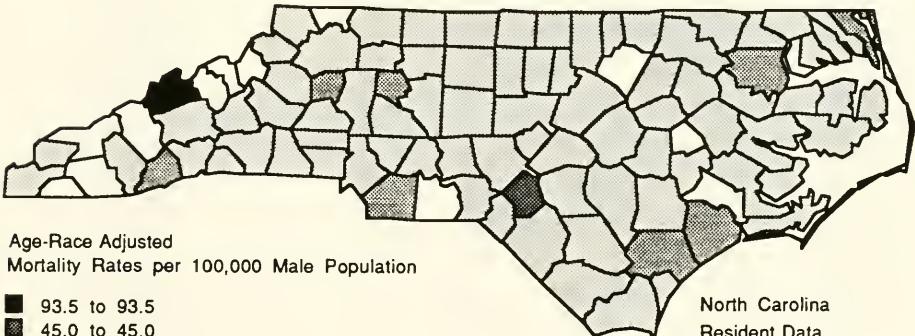
Mortality Rates per 100,000 Male Population



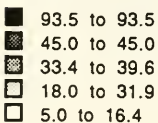
North Carolina
Resident Data
1990 - 1994

Figure 13.A

Cancer - Prostate



Age-Race Adjusted
Mortality Rates per 100,000 Male Population



North Carolina
Resident Data
1990 - 1994

Figure 13.B

TABLE - 12
MORTALITY STATISTICS FOR 1994
NORTH CAROLINA RESIDENTS
CANCER - BREAST - FEMALE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	1117	30.7	5638	32.0	28.4
REGIONS					
D.E.H.N.R. I	144	36.3	719	37.2	27.7
D.E.H.N.R. II	236	30.3	1174	31.2	28.9
D.E.H.N.R. III	221	30.0	1130	31.5	27.0
D.E.H.N.R. IV	224	30.2	1111	31.3	29.8
D.E.H.N.R. V	117	29.7	557	29.2	27.9
D.E.H.N.R. VI	110	32.4	554	33.3	28.6
D.E.H.N.R. VII	65	25.3	393	31.8	29.6
COUNTIES					
1 ALAMANCE	22	36.8	103	35.4	27.2
2 ALEXANDER	1	6.7	17	23.7	19.9
3 ALLEGHANY	3	60.3	6	23.9	13.0
4 ANSON	8	62.7	27	43.0	31.7
5 ASHE	3	25.4	18	31.0	16.8
6 AVERY	2	26.6	9	24.1	16.1
7 BEAUFORT	4	17.5	46	40.8	30.8
8 BERTIE	3	27.0	18	32.7	25.3
9 BLADEN	4	25.4	33	42.8	31.7
10 BRUNSWICK	7	23.4	43	30.7	24.1
11 BUNCOMBE	45	46.2	211	44.6	33.1
12 BURKE	10	24.7	53	26.9	23.7
13 CABARRUS	14	25.4	77	28.9	24.7
14 CALDWELL	9	24.2	47	25.7	20.1
15 CAMDEN	2	65.0	4	26.7	19.8
16 CARTERET	13	45.3	61	43.9	38.9
17 CASHWELL	6	55.1	19	35.4	30.8
18 CATAHBA	18	28.3	107	34.3	29.4
19 CHATHAM	4	18.5	42	40.3	32.2
20 CHEROKEE	2	18.0	13	24.1	13.7
21 CHOWAN	4	53.2	12	32.3	25.1
22 CLAY	2	51.0	10	52.8	27.2
23 CLEVELAND	18	39.4	51	22.7	18.3
24 COLUMBUS	5	18.5	41	30.8	24.8
25 CRAVEN	11	25.7	57	27.2	26.4
26 CUMBERLAND	35	24.6	145	21.1	26.0
27 CURRITUCK	2	26.2	15	41.7	37.3
28 DARE	6	48.1	19	32.0	24.1
29 DAVIDSON	22	32.1	83	24.8	21.9
30 DAVIE	4	26.8	16	21.9	16.0
31 DUPLIN	10	45.9	45	42.3	36.7
32 DURHAM	43	42.6	163	32.9	29.7
33 EDGECOMBE	12	38.9	64	41.4	35.8
34 FORSYTH	44	30.2	232	32.5	28.1
35 FRANKLIN	9	42.8	34	33.8	27.3
36 GASTON	29	31.4	156	34.0	30.7
37 GATES	1	20.2	8	33.1	21.0
38 GRAHAM	2	53.7	4	21.9	13.7
39 GRANVILLE	10	48.9	39	39.0	32.8
40 GREENE	4	49.2	11	27.8	23.1
41 GUILFORD	52	27.0	291	31.0	27.2

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
CANCER - BREAST - FEMALE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	11	36.5	61	41.0	35.7
43 HARNETT	10	25.9	50	27.4	25.4
44 HAYWOOD	7	27.2	51	40.4	31.1
45 HENDERSON	11	28.0	88	46.5	27.4
46 HERTFORD	3	24.7	19	31.4	22.1
47 HOKE	1	7.6	14	23.3	31.0
48 HYDE	0	0.0	6	43.4	36.5
49 IREDELL	10	19.2	73	29.1	25.2
50 JACKSON	4	27.0	18	25.1	19.1
51 JOHNSTON	11	23.3	66	29.6	26.4
52 JONES	1	19.8	4	15.9	9.1
53 LEE	4	17.2	30	26.9	22.1
54 LENOIR	12	38.2	67	43.2	34.3
55 LINCOLN	12	43.2	50	37.6	34.2
56 MCDOWELL	8	42.5	27	29.2	23.5
57 MACON	11	82.7	38	59.3	67.8
58 MADISON	5	56.1	18	41.2	26.0
59 MARTIN	5	36.2	23	33.9	29.2
60 MECKLENBURG	89	30.6	436	31.3	32.4
61 MITCHELL	2	26.5	15	39.9	23.5
62 MONTGOMERY	2	17.2	18	31.1	26.3
63 MOORE	17	49.9	73	45.2	30.7
64 NASH	14	32.2	74	35.4	31.0
65 NEW HANOVER	20	28.1	121	36.1	31.9
66 NORTHAMPTON	5	46.8	29	54.2	31.8
67 ONSLOW	6	9.9	50	16.6	26.0
68 ORANGE	17	30.8	65	24.8	29.1
69 PAMLICO	5	81.4	15	49.9	33.5
70 PASQUOTANK	8	45.1	28	32.8	28.2
71 PENDER	4	23.1	32	39.7	32.2
72 PERQUIMANS	1	18.2	10	36.7	26.2
73 PERSON	6	36.7	34	42.5	31.8
74 PITT	21	34.4	85	28.8	30.0
75 POLK	4	48.4	17	42.5	25.8
76 RANDOLPH	15	26.0	93	33.1	29.2
77 RICHMOND	13	55.2	54	46.0	36.0
78 ROBESON	15	25.9	75	26.5	24.8
79 ROCKINGHAM	14	30.4	83	36.6	30.4
80 ROWAN	22	36.7	101	34.6	28.2
81 RUTHERFORD	11	36.2	47	31.4	24.8
82 SAMPSON	8	30.5	43	33.7	26.9
83 SCOTLAND	4	21.5	25	27.3	26.0
84 STANLY	8	28.8	45	33.0	29.5
85 STOKES	9	44.1	27	27.6	29.3
86 SURRY	7	20.8	58	35.3	29.1
87 SWAIN	1	17.5	10	35.4	29.8
88 TRANSYLVANIA	5	36.0	25	37.0	25.8
89 TYRRELL	2	100.7	6	59.8	48.9
90 UNION	15	31.2	61	26.9	28.0
91 VANCE	10	47.3	36	34.6	32.7
92 WAKE	50	19.7	292	24.8	28.4
93 WARREN	3	32.3	17	37.3	22.5
94 WASHINGTON	2	27.3	15	40.9	33.7
95 WATAUGA	3	14.9	18	18.5	16.3
96 WAYNE	13	23.9	86	32.1	27.3
97 WILKES	12	38.3	44	28.5	23.3
98 WILSON	15	41.6	65	36.5	31.1
99 YADKIN	5	29.6	39	47.9	36.7
100 YANCEY	3	36.3	18	44.5	25.8

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - Female Breast

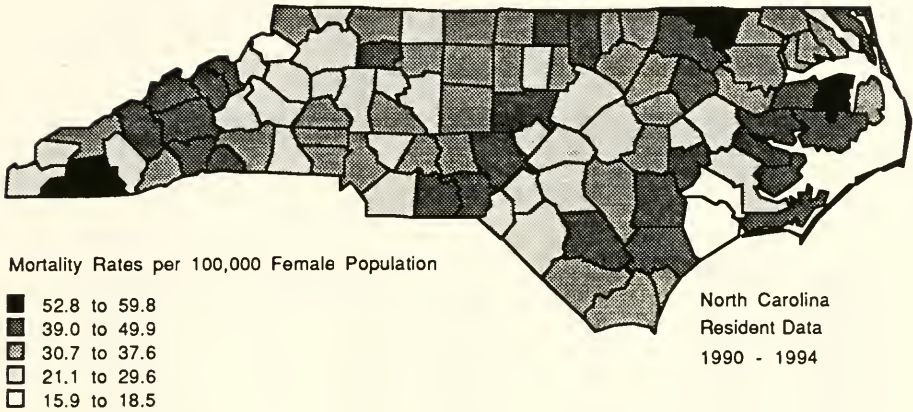


Figure 12.A

Cancer - Female Breast

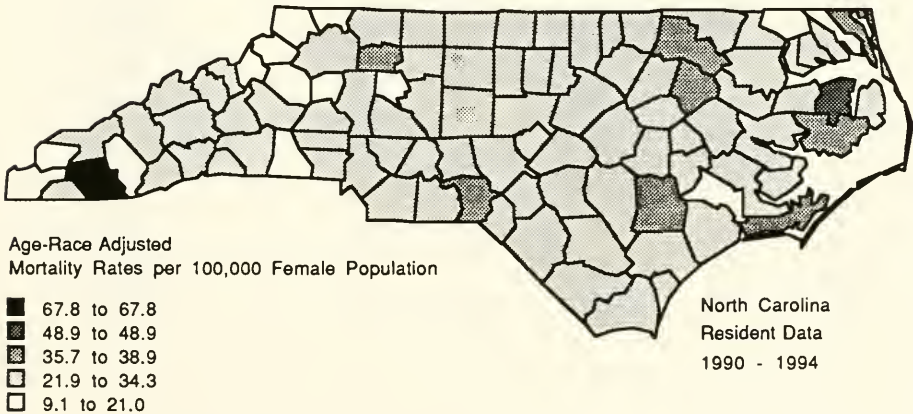


Figure 12.B

TABLE - 13
MORTALITY STATISTICS FOR 1994
NORTH CAROLINA RESIDENTS
CANCER - PROSTATE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	1037	30.3	4958	29.9	25.5
REGIONS					
D.E.H.N.R. I	111	30.1	628	34.9	22.8
D.E.H.N.R. II	201	27.5	945	26.8	26.1
D.E.H.N.R. III	234	34.6	1012	30.7	25.8
D.E.H.N.R. IV	187	27.4	959	29.3	25.9
D.E.H.N.R. V	123	32.3	518	28.0	25.1
D.E.H.N.R. VI	110	34.9	530	34.3	24.8
D.E.H.N.R. VII	71	26.6	366	28.0	28.1
COUNTIES					
1 ALAMANCE	25	46.3	97	36.9	26.8
2 ALEXANDER	4	27.1	18	25.4	36.8
3 ALLEGHANY	6	129.5	7	29.9	11.6
4 ANSON	6	53.3	16	28.9	14.4
5 ASHE	5	45.0	26	47.6	20.8
6 AVERY	1	13.2	4	10.7	5.0
7 BEAUFORT	10	49.0	49	48.5	29.3
8 BERTIE	8	85.1	35	74.5	39.6
9 BLADEN	3	21.8	30	44.1	24.1
10 BRUNSWICK	8	28.0	50	37.4	26.3
11 BUNCOMBE	29	32.8	166	38.8	26.9
12 BURKE	7	17.9	51	26.8	21.6
13 CABARRUS	11	21.1	57	22.8	20.6
14 CALDWELL	9	25.1	52	29.5	23.7
15 CAMDEN	0	0.0	5	33.0	21.6
16 CARTERET	6	21.5	39	28.8	28.2
17 CASMELL	10	96.8	24	47.0	28.6
18 CATAWBA	20	33.2	74	25.1	22.1
19 CHATHAM	7	34.5	37	37.8	25.0
20 CHEROKEE	5	48.4	20	40.0	25.2
21 CHOWAN	2	30.9	10	31.1	16.0
22 CLAY	3	82.4	8	45.1	14.0
23 CLEVELAND	15	35.6	70	33.9	27.5
24 COLUMBUS	9	37.6	48	40.7	28.1
25 CRAVEN	10	24.0	51	24.7	21.9
26 CUMBERLAND	29	19.4	110	15.0	24.6
27 CURRITUCK	7	90.2	16	43.8	34.9
28 DARE	5	40.5	16	27.2	26.5
29 DAVIDSON	18	27.2	85	26.4	23.1
30 DAVIE	7	48.6	31	44.0	38.2
31 DUPLIN	10	49.4	45	45.6	27.5
32 DURHAM	21	23.3	136	30.7	27.9
33 EDGECOMBE	12	47.0	55	42.6	30.5
34 FORSYTH	41	31.5	170	26.7	21.9
35 FRANKLIN	5	25.8	23	24.8	16.2
36 GASTON	20	23.3	81	19.0	19.1
37 GATES	4	83.5	7	29.8	22.7
38 GRAHAM	5	135.3	9	49.8	21.7
39 GRANVILLE	14	69.9	42	42.8	29.2
40 GREENE	0	0.0	7	17.6	16.4
41 GUILFORD	62	35.9	261	31.1	27.0

* SEE TECHNICAL NOTES

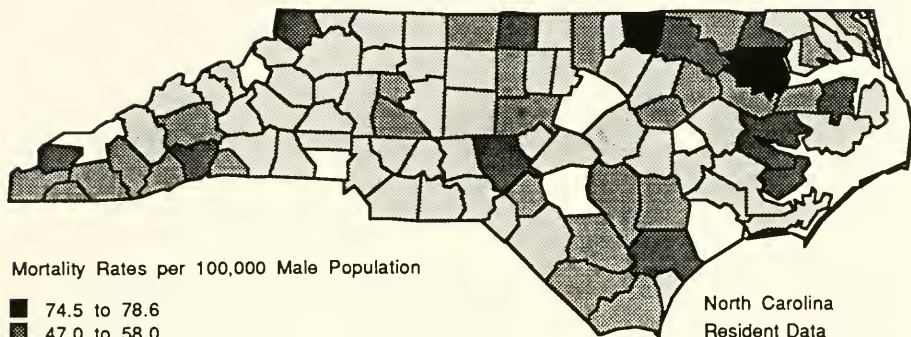
MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
CANCER - PROSTATE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	16	59.2	65	48.6	26.8
43 HARNETT	14	38.6	51	29.6	26.7
44 HAYWOOD	11	47.2	38	33.1	13.2
45 HENDERSON	17	47.4	88	51.0	23.1
46 HERTFORD	4	38.9	27	52.1	29.6
47 HOKE	8	59.8	26	43.0	45.0
48 HYDE	1	38.9	4	30.4	18.0
49 IREDELL	17	34.8	64	27.2	21.7
50 JACKSON	4	29.4	24	36.2	22.8
51 JOHNSTON	10	22.6	64	30.6	27.5
52 JONES	2	44.9	5	22.6	14.3
53 LEE	6	27.7	36	34.7	28.0
54 LENOIR	8	29.3	47	34.7	20.9
55 LINCOLN	10	37.1	34	26.4	29.5
56 MCDOWELL	6	33.5	24	27.3	18.0
57 MACON	0	0.0	24	40.9	12.0
58 MADISON	2	23.0	10	23.6	93.5
59 MARTIN	3	24.5	22	36.6	19.4
60 MECKLENBURG	58	21.5	327	25.3	28.3
61 MITCHELL	1	14.5	9	26.1	11.1
62 MONTGOMERY	5	41.4	17	28.5	23.3
63 MOORE	18	58.2	78	53.0	26.9
64 NASH	16	40.7	65	34.4	27.0
65 NEW HANOVER	18	28.2	91	30.1	25.6
66 NORTHAMPTON	5	50.4	21	42.0	21.1
67 ONSLOW	10	11.6	54	12.2	35.0
68 ORANGE	8	16.2	55	23.3	25.1
69 PAMLICO	4	70.9	16	58.0	30.2
70 PASQUOTANK	5	32.1	25	33.2	19.7
71 PENDER	10	61.5	39	51.5	33.4
72 PERQUIMANS	2	39.4	11	43.8	21.7
73 PERSON	4	26.7	22	29.9	19.9
74 PITT	17	30.9	77	28.8	27.5
75 POLK	0	0.0	16	45.8	22.2
76 RANDOLPH	18	32.6	74	27.6	27.9
77 RICHMOND	9	41.8	35	32.6	21.3
78 ROBESON	15	28.9	87	34.3	24.6
79 ROCKINGHAM	14	33.6	79	38.4	27.5
80 ROWAN	26	45.7	117	42.4	30.5
81 RUTHERFORD	5	17.7	44	31.6	23.7
82 SAMPSON	10	42.3	46	39.9	24.8
83 SCOTLAND	6	37.4	22	27.6	26.1
84 STANLY	7	27.0	37	29.0	21.6
85 STOKES	7	35.5	31	32.8	24.1
86 SURRY	8	26.0	50	33.2	24.1
87 SWAIN	0	0.0	5	17.6	14.1
88 TRANSYLVANIA	5	38.0	26	40.5	35.8
89 TYRRELL	2	109.5	5	54.7	25.0
90 UNION	13	28.1	66	30.2	34.3
91 VANCE	8	42.6	32	34.5	19.1
92 WAKE	37	15.3	216	19.2	26.0
93 WARREN	5	58.3	33	78.6	31.2
94 WASHINGTON	1	15.3	12	36.4	20.1
95 WATAUGA	2	10.4	20	21.6	31.9
96 WAYNE	15	27.4	83	31.0	27.9
97 WILKES	5	16.7	32	21.7	23.0
98 WILSON	13	41.4	57	36.6	29.1
99 YADKIN	6	37.6	25	32.6	24.7
100 YANCEY	1	12.9	10	26.3	11.0

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - Prostate



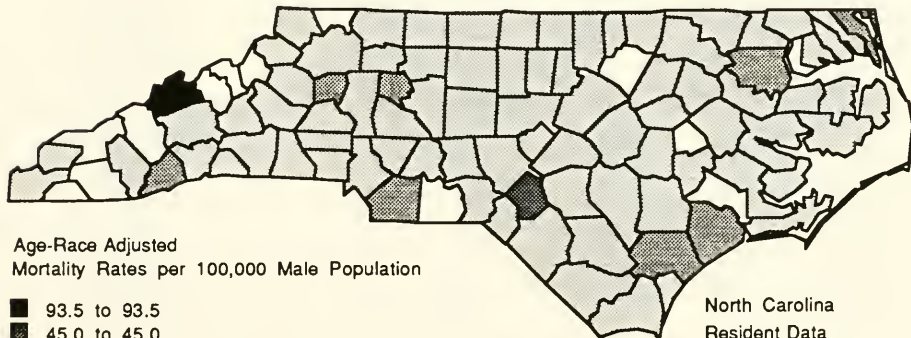
Mortality Rates per 100,000 Male Population

- 74.5 to 78.6
- ▨ 47.0 to 58.0
- ▩ 36.2 to 45.8
- ░ 21.6 to 34.7
- 10.7 to 19.2

North Carolina
Resident Data
1990 - 1994

Figure 13.A

Cancer - Prostate



Age-Race Adjusted
Mortality Rates per 100,000 Male Population

- 93.5 to 93.5
- ▨ 45.0 to 45.0
- ▩ 33.4 to 39.6
- ░ 18.0 to 31.9
- 5.0 to 16.4

North Carolina
Resident Data
1990 - 1994

Figure 13.B

T A B L E - 1 4

M O R T A L I T Y S T A T I S T I C S F O R 1 9 9 4

N O R T H C A R O L I N A R E S I D E N T S

A I D S					
GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	975	13.8	3349	9.8	8.4
REGIONS					
D.E.H.N.R. I	65	8.5	187	5.0	6.5
D.E.H.N.R. II	258	17.1	882	12.1	11.5
D.E.H.N.R. III	156	11.0	581	8.4	8.3
D.E.H.N.R. IV	259	18.2	847	12.4	9.1
D.E.H.N.R. V	91	11.7	336	8.9	6.4
D.E.H.N.R. VI	94	14.3	301	9.4	7.0
D.E.H.N.R. VII	52	9.9	215	8.5	7.5
COUNTIES					
1 ALAMANCE	15	13.2	43	7.8	7.1
2 ALEXANDER	1	3.4	5	3.5	4.6
3 ALLEGHANY	1	10.4	2	4.1	2.7
4 ANSON	3	12.5	13	11.0	6.0
5 ASHE	0	0.0	0	0.0	0.0
6 AVERY	0	0.0	2	2.7	1.8
7 BEAUFORT	11	25.4	24	11.2	10.5
8 BERTIE	2	9.8	5	4.9	4.0
9 BLADEN	3	10.2	12	8.3	6.1
10 BRUNSWICK	5	8.5	20	7.3	6.9
11 BUNCOMBE	36	19.4	82	9.1	11.0
12 BURKE	4	5.0	11	2.8	2.7
13 CABARRUS	10	9.3	37	7.2	7.5
14 CALDWELL	2	2.7	11	3.1	4.2
15 CAMDEN	0	0.0	1	3.3	3.6
16 CARTERET	2	3.5	12	4.4	4.1
17 CASHWELL	1	4.7	8	7.6	5.5
18 CATAWBA	6	4.8	31	5.1	6.0
19 CHATHAM	5	11.9	8	4.0	3.4
20 CHEROKEE	1	4.7	4	3.8	5.1
21 CHOWAN	2	14.3	8	11.6	9.5
22 CLAY	1	13.2	1	2.7	1.8
23 CLEVELAND	7	8.0	33	7.7	7.2
24 COLUMBUS	7	13.7	28	11.2	7.8
25 CRAVEN	10	11.8	33	7.9	6.6
26 CUMBERLAND	33	11.3	125	8.8	6.4
27 CURRITUCK	0	0.0	4	5.5	8.0
28 DARE	1	4.0	4	3.4	2.0
29 DAVIDSON	8	5.9	38	5.8	6.9
30 DAVIE	0	0.0	6	4.2	6.7
31 DUPLIN	3	7.1	22	10.7	6.9
32 DURHAM	70	36.6	217	23.1	14.7
33 EDGECOMBE	11	19.5	26	9.2	4.6
34 FORSYTH	38	13.8	146	10.8	8.9
35 FRANKLIN	6	14.8	20	10.4	7.4
36 GASTON	25	14.1	81	9.2	10.5
37 GATES	1	10.3	3	6.3	8.1
38 GRAHAM	1	13.5	2	5.5	3.9
39 GRANVILLE	6	14.8	24	12.1	7.4
40 GREENE	0	0.0	2	2.5	1.0
41 GUILFORD	72	19.7	277	15.6	12.2

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
AIDS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	10	17.5	25	8.8	5.8
43 HARNETT	6	8.0	29	8.2	7.5
44 HAYWOOD	3	6.1	13	5.4	7.4
45 HENDERSON	3	4.0	14	3.9	4.8
46 HERTFORD	4	17.8	10	8.9	6.6
47 HOKE	2	7.5	13	10.8	4.2
48 HYDE	0	0.0	0	0.0	0.0
49 IREDELL	6	6.0	21	4.3	4.8
50 JACKSON	2	7.0	5	3.6	3.7
51 JOHNSTON	9	9.8	37	8.6	9.0
52 JONES	2	21.1	4	8.5	6.5
53 LEE	4	8.9	11	5.1	4.1
54 LENOIR	10	17.0	31	10.7	7.5
55 LINCOLN	7	12.8	12	4.6	4.3
56 MCDOWELL	1	2.7	3	1.7	1.4
57 MACON	2	7.9	5	4.1	3.5
58 MADISON	0	0.0	2	2.3	1.9
59 MARTIN	4	15.4	9	7.0	4.6
60 MECKLENBURG	168	29.9	583	21.7	16.3
61 MITCHELL	2	13.8	3	4.2	3.6
62 MONTGOMERY	5	21.1	12	10.2	7.8
63 MOORE	8	12.3	19	6.2	6.8
64 NASH	11	13.3	39	9.8	7.0
65 NEW HANOVER	24	17.8	83	13.0	12.2
66 NORTHAMPTON	4	19.4	8	7.7	3.6
67 ONSLOW	9	6.1	39	5.2	5.4
68 ORANGE	13	12.4	35	7.0	6.6
69 PAMLICO	0	0.0	8	13.9	14.0
70 PASQUOTANK	3	9.0	11	6.8	5.7
71 PENDER	2	6.0	11	7.0	6.8
72 PERQUIMANS	0	0.0	0	0.0	0.0
73 PERSON	1	3.2	10	6.5	5.2
74 PITT	22	19.0	73	13.0	9.5
75 POLK	1	6.5	4	5.3	4.6
76 RANDOLPH	7	6.2	20	3.6	5.1
77 RICHMOND	7	15.5	18	8.0	6.3
78 ROBESON	13	11.8	46	8.6	5.8
79 ROCKINGHAM	8	9.1	22	5.1	4.6
80 ROWAN	15	12.8	39	6.9	7.0
81 RUTHERFORD	3	5.1	12	4.2	5.4
82 SAMPSON	10	20.1	32	13.2	10.9
83 SCOTLAND	1	2.9	17	9.9	7.5
84 STANLY	3	5.6	13	4.9	5.3
85 STOKES	2	5.0	3	1.6	1.1
86 SURRY	2	3.1	7	2.2	4.6
87 SWAIN	1	8.7	4	7.1	6.4
88 TRANSYLVANIA	1	5.7	8	6.1	7.7
89 TYRRELL	0	0.0	1	5.2	2.9
90 UNION	10	10.6	27	6.1	6.5
91 VANCE	6	15.0	32	16.3	11.5
92 WAKE	85	17.1	301	13.1	10.5
93 WARREN	1	5.6	8	9.1	5.5
94 WASHINGTON	4	28.8	9	12.9	6.4
95 WATAUGA	1	2.5	2	1.1	0.9
96 WAYNE	18	16.5	61	11.4	8.0
97 WILKES	1	1.6	5	1.7	2.6
98 WILSON	17	25.2	46	13.8	9.2
99 YADKIN	0	0.0	2	1.3	0.9
100 YANCEY	1	6.3	1	1.3	1.2

* SEE TECHNICAL NOTES

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DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Acquired Immune Deficiency Syndrome

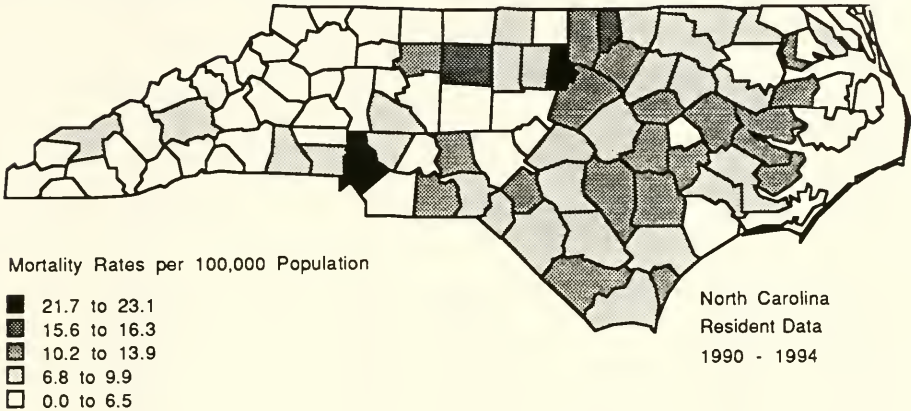


Figure 14.A

Acquired Immune Deficiency Syndrome

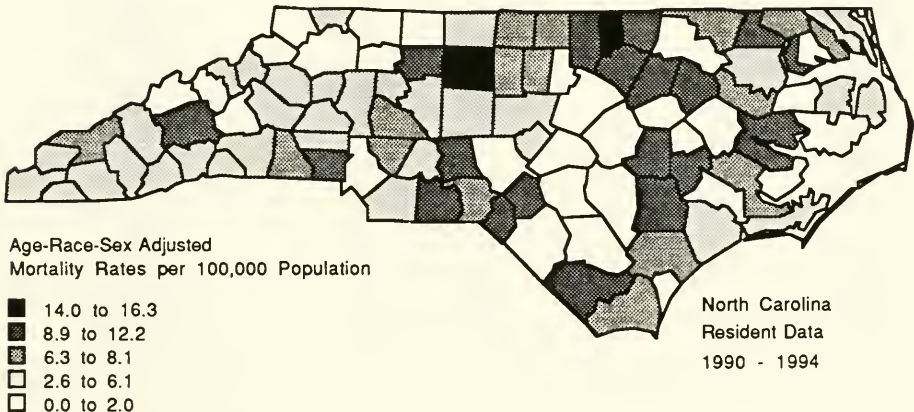


Figure 14.B

TABLE - 15
MORTALITY STATISTICS FOR 1994
NORTH CAROLINA RESIDENTS
SEPTICEMIA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	612	8.7	2909	8.5	6.9
REGIONS					
D.E.H.N.R. I	76	9.9	343	9.2	5.5
D.E.H.N.R. II	133	8.8	549	7.5	6.6
D.E.H.N.R. III	126	8.9	633	9.2	7.3
D.E.H.N.R. IV	126	8.8	573	8.4	7.1
D.E.H.N.R. V	62	8.0	312	8.3	7.3
D.E.H.N.R. VI	51	7.8	315	9.8	7.4
D.E.H.N.R. VII	38	7.3	184	7.2	6.7
COUNTIES					
1 ALAMANCE	12	10.6	59	10.7	7.9
2 ALEXANDER	1	3.4	10	7.0	5.3
3 ALLEGHANY	1	10.4	7	14.4	25.6
4 ANSON	1	4.2	9	7.6	4.0
5 ASHE	2	8.7	7	6.2	2.8
6 AVERY	1	6.6	5	6.7	3.7
7 BEAUFORT	2	4.6	31	14.5	9.2
8 BERTIE	2	9.8	10	9.8	6.5
9 BLADEN	3	10.2	16	11.0	8.7
10 BRUNSWICK	2	3.4	17	6.2	5.1
11 BUNCOMBE	26	14.0	94	10.4	6.3
12 BURKE	8	10.0	23	5.9	4.2
13 CABARRUS	10	9.3	46	8.9	7.3
14 CALDWELL	4	5.5	18	5.0	4.6
15 CAMDEN	0	0.0	0	0.0	0.0
16 CARTERET	3	5.3	20	7.3	5.1
17 CASHWELL	2	9.4	8	7.6	5.1
18 CATAWBA	9	7.3	34	5.6	4.6
19 CHATHAM	5	11.9	22	10.9	7.2
20 CHEROKEE	2	9.3	7	6.7	3.7
21 CHOWAN	2	14.3	7	10.1	6.1
22 CLAY	0	0.0	1	2.7	1.3
23 CLEVELAND	9	10.3	46	10.7	8.1
24 COLUMBUS	10	19.6	44	17.5	12.6
25 CRAVEN	9	10.7	31	7.5	6.6
26 CUMBERLAND	15	5.1	81	5.7	7.9
27 CURRITUCK	2	13.0	8	11.0	9.0
28 DARE	2	8.1	12	10.2	9.9
29 DAVIDSON	9	6.7	45	6.9	6.0
30 DAVIE	4	13.6	18	12.5	10.9
31 DUPLIN	5	11.9	19	9.3	6.7
32 DURHAM	20	10.5	102	10.9	8.8
33 EDGEcombe	10	17.7	43	15.2	9.7
34 FORSYTH	34	12.3	149	11.0	8.7
35 FRANKLIN	7	17.3	14	7.2	4.6
36 GASTON	14	7.9	67	7.6	6.4
37 GATES	1	10.3	5	10.5	10.0
38 GRAHAM	0	0.0	2	5.5	2.4
39 GRANVILLE	8	19.8	26	13.1	10.8
40 GREENE	0	0.0	6	7.6	6.8
41 GUILFORD	23	6.3	123	6.9	5.5

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
SEPTICEMIA CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	7	12.2	36	12.7	8.2
43 HARNETT	11	14.7	46	15.0	11.2
44 HAYWOOD	1	2.0	21	8.7	9.1
45 HENDERSON	6	8.0	31	8.6	4.9
46 HERTFORD	2	8.9	15	13.3	8.3
47 HOKE	2	7.5	8	6.6	6.2
48 HYDE	0	0.0	2	7.4	3.1
49 IREDELL	6	6.0	53	10.9	8.3
50 JACKSON	5	17.6	19	13.8	8.2
51 JOHNSTON	8	8.7	36	8.3	6.7
52 JONES	2	21.1	6	12.7	8.8
53 LEE	4	8.9	15	7.0	5.3
54 LENOIR	5	8.5	33	11.4	7.5
55 LINCOLN	6	11.0	24	9.2	10.8
56 MCDOWELL	3	8.2	16	8.9	7.6
57 MACON	4	15.7	14	11.4	3.9
58 MADISON	6	34.1	30	34.8	13.7
59 MARTIN	3	11.5	15	11.7	6.8
60 MECKLENBURG	51	9.1	176	6.6	6.4
61 MITCHELL	2	13.8	7	9.7	4.1
62 MONTGOMERY	2	8.4	12	10.2	8.6
63 MOORE	3	4.6	16	5.2	3.8
64 NASH	11	13.3	33	8.3	6.0
65 NEW HANOVER	8	5.9	43	6.7	5.6
66 NORTHAMPTON	1	4.9	11	10.6	7.0
67 ONSLOW	6	4.1	28	3.8	8.2
68 ORANGE	2	1.9	30	6.0	7.1
69 PAMLICO	1	8.5	4	6.9	3.6
70 PASQUOTANK	3	9.0	18	11.2	8.6
71 PENDER	4	11.9	13	8.3	6.4
72 PERQUIMANS	0	0.0	3	5.7	3.3
73 PERSON	2	6.4	15	9.8	7.4
74 PITT	11	9.5	56	10.0	9.2
75 POLK	1	6.5	6	8.0	2.3
76 RANDOLPH	7	6.2	39	7.1	6.2
77 RICHMOND	3	6.7	24	10.7	8.0
78 ROBESON	8	7.3	43	8.0	5.8
79 ROCKINGHAM	6	6.8	33	7.6	5.2
80 ROWAN	17	14.5	52	9.2	6.4
81 RUTHERFORD	5	8.5	23	8.0	5.0
82 SAMPSON	11	22.1	37	15.2	10.3
83 SCOTLAND	3	8.7	20	11.7	9.7
84 STANLY	5	9.3	19	7.2	5.9
85 STOKES	5	12.5	18	9.3	7.2
86 SURRY	8	12.4	36	11.4	8.9
87 SWAIN	0	0.0	12	21.2	13.7
88 TRANSYLVANIA	1	3.7	7	5.3	2.2
89 TYRRELL	0	0.0	1	5.2	3.5
90 UNION	5	5.3	22	4.9	4.6
91 VANCE	4	10.0	16	8.1	5.7
92 WAKE	26	5.2	134	5.8	6.9
93 WARREN	3	16.8	12	13.7	7.3
94 WASHINGTON	1	7.2	4	5.7	3.4
95 WATAUGA	2	5.1	12	6.3	4.5
96 WAYNE	3	2.8	48	9.0	8.7
97 WILKES	10	16.3	47	15.5	12.1
98 WILSON	8	11.9	28	8.4	6.0
99 YADKIN	1	3.0	32	20.2	13.0
100 YANCEY	1	6.3	7	8.9	4.2

* SEE TECHNICAL NOTES

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DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Septicemia

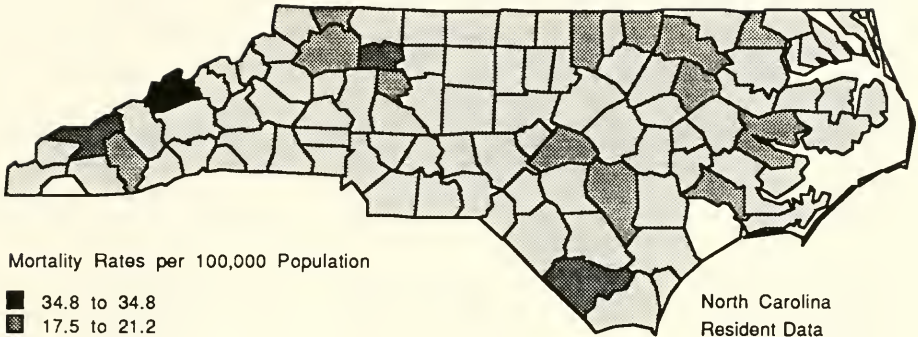


Figure 15.A

Septicemia

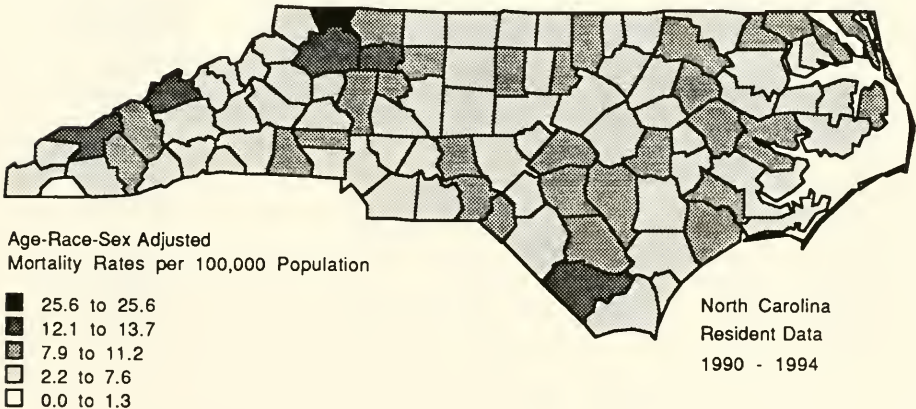


Figure 15.B

TABLE - 16
MORTALITY STATISTICS FOR 1994
NORTH CAROLINA RESIDENTS
DIABETES MELLITUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	1597	22.6	7368	21.5	18.7
REGIONS					
D.E.H.N.R. I	189	24.7	869	23.3	19.6
D.E.H.N.R. II	331	21.9	1448	19.9	19.3
D.E.H.N.R. III	313	22.2	1461	21.2	18.3
D.E.H.N.R. IV	299	21.0	1447	21.2	18.7
D.E.H.N.R. V	192	24.8	855	22.7	19.7
D.E.H.N.R. VI	180	27.5	824	25.7	19.1
D.E.H.N.R. VII	93	17.8	464	18.3	17.6
COUNTIES					
1 ALAMANCE	42	36.9	185	33.4	25.1
2 ALEXANDER	4	13.5	17	11.9	12.5
3 ALLEGHANY	0	0.0	5	10.3	3.7
4 ANSON	3	12.5	22	18.6	11.0
5 ASHE	10	43.6	27	24.0	24.7
6 AVERY	4	26.5	18	24.0	12.8
7 BEAUFORT	14	32.4	87	40.7	26.4
8 BERTIE	10	48.8	43	42.1	27.9
9 BLADEN	8	27.1	38	26.2	16.9
10 BRUNSWICK	13	22.2	68	24.8	19.2
11 BUNCOMBE	51	27.4	196	21.8	18.5
12 BURKE	24	30.1	102	26.3	21.1
13 CABARRUS	17	15.9	92	17.8	15.5
14 CALDWELL	19	26.0	100	27.9	27.8
15 CAMDEN	1	16.1	4	13.3	10.1
16 CARTERET	12	21.2	49	17.9	17.8
17 CASWELL	7	33.0	33	31.5	17.3
18 CATANBA	34	27.4	125	20.6	21.2
19 CHATHAM	10	23.8	58	28.7	20.3
20 CHEROKEE	3	14.0	15	14.4	11.5
21 CHOWAN	3	21.4	17	24.5	12.3
22 CLAY	3	39.7	3	8.2	3.1
23 CLEVELAND	20	22.8	109	25.3	20.5
24 COLUMBUS	11	21.6	60	23.9	17.3
25 CRAVEN	20	23.7	60	14.4	12.4
26 CUMBERLAND	56	19.2	235	16.5	22.6
27 CURRITUCK	2	13.0	10	13.8	13.7
28 DARE	4	16.1	11	9.3	7.0
29 DAVIDSON	24	17.8	114	17.4	16.8
30 DAVIE	6	20.5	31	21.6	16.2
31 DUPLIN	13	31.0	55	26.8	16.9
32 DURHAM	34	17.8	176	18.8	15.8
33 EDGECOMBE	19	33.7	77	27.2	20.2
34 FORSYTH	65	23.5	321	23.7	19.5
35 FRANKLIN	11	27.2	61	31.6	22.7
36 GASTON	47	26.4	175	19.8	18.1
37 GATES	1	10.3	6	12.6	8.8
38 GRAHAM	2	27.0	14	38.6	80.1
39 GRANVILLE	12	29.6	57	28.8	19.4
40 GREENE	7	42.7	21	26.5	22.4
41 GUILFORD	64	17.5	326	18.3	15.8

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
DIABETES MELLITUS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	12	21.0	87	30.8	21.7
43 HARNETT	18	24.1	88	24.8	22.9
44 HAYWOOD	9	18.3	57	23.6	15.8
45 HENDERSON	16	21.3	54	14.9	15.4
46 HERTFORD	7	31.2	44	39.1	24.9
47 HOKE	5	18.8	20	16.6	13.4
48 HYDE	3	56.9	15	55.6	31.6
49 IREDELL	21	20.8	88	18.1	17.0
50 JACKSON	6	21.1	29	21.0	21.8
51 JOHNSTON	22	24.0	82	19.0	16.6
52 JONES	4	42.1	12	25.4	14.6
53 LEE	13	29.0	53	24.6	20.6
54 LENOIR	14	23.9	89	30.6	21.6
55 LINCOLN	14	25.6	36	13.8	13.8
56 MCDOWELL	12	32.7	48	26.6	22.3
57 MACON	11	43.2	43	35.0	28.6
58 MADISON	2	11.4	22	25.5	12.5
59 MARTIN	12	46.1	47	36.8	23.1
60 MECKLENBURG	97	17.3	491	18.3	19.4
61 MITCHELL	5	34.6	22	30.5	15.7
62 MONTGOMERY	9	38.0	28	23.8	19.5
63 MOORE	9	13.9	49	15.9	11.0
64 NASH	20	24.2	100	25.1	20.8
65 NEW HANOVER	23	17.0	139	21.8	18.6
66 NORTHAMPTON	9	43.7	41	39.6	17.0
67 ONSLOW	11	7.5	55	7.4	14.9
68 ORANGE	8	7.6	67	13.5	15.2
69 PAMLICO	4	34.0	14	24.3	14.3
70 PASQUOTANK	9	27.0	36	22.4	16.5
71 PENDER	10	29.8	38	24.3	16.4
72 PERQUIMANS	2	18.9	13	24.8	15.0
73 PERSON	10	31.9	27	17.6	12.5
74 PITT	32	27.6	151	26.9	24.7
75 POLK	4	25.9	24	32.0	19.8
76 RANDOLPH	21	18.6	97	17.7	19.1
77 RICHMOND	16	35.5	66	29.4	21.3
78 ROBESON	47	42.8	190	35.4	27.7
79 ROCKINGHAM	26	29.7	122	28.2	21.6
80 ROMAN	41	35.1	146	25.7	21.9
81 RUTHERFORD	9	15.4	54	18.7	15.2
82 SAMPSON	10	20.1	68	28.0	18.6
83 SCOTLAND	11	31.8	51	29.8	22.8
84 STANLY	18	33.5	85	32.2	28.6
85 STOKES	7	17.4	29	15.1	16.6
86 SURRY	16	24.9	66	21.0	14.3
87 SHAIN	3	26.1	21	37.1	31.5
88 TRANSYLVANIA	6	22.2	26	19.7	15.9
89 TYRRELL	1	26.2	6	31.3	13.4
90 UNION	18	19.1	84	18.9	21.5
91 VANCE	20	50.1	76	38.6	32.1
92 WAKE	70	14.1	344	14.9	18.3
93 WARREN	7	39.2	24	27.4	11.1
94 WASHINGTON	4	28.8	13	18.7	12.2
95 WATAUGA	4	10.2	18	9.5	16.2
96 WAYNE	26	23.8	125	23.3	20.6
97 WILKES	11	18.0	51	16.9	12.3
98 WILSON	22	32.6	117	35.0	25.4
99 YADKIN	10	30.4	36	22.8	17.8
100 YANCEY	0	0.0	21	26.8	11.4

* SEE TECHNICAL NOTES

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DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Diabetes Mellitus

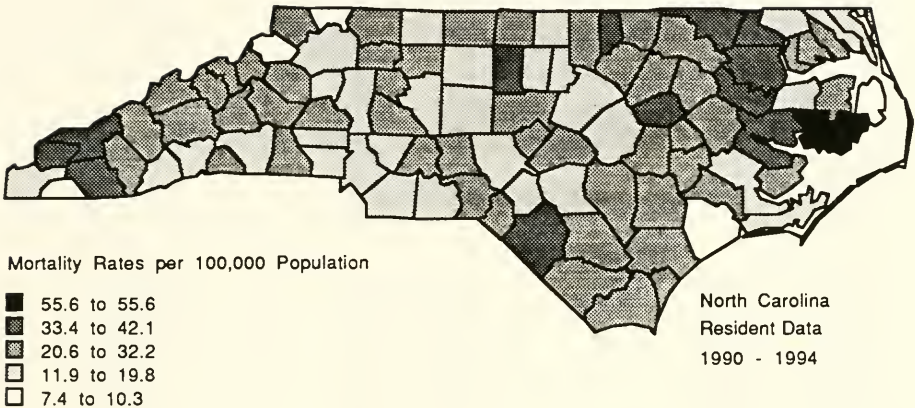


Figure 16.A

Diabetes Mellitus

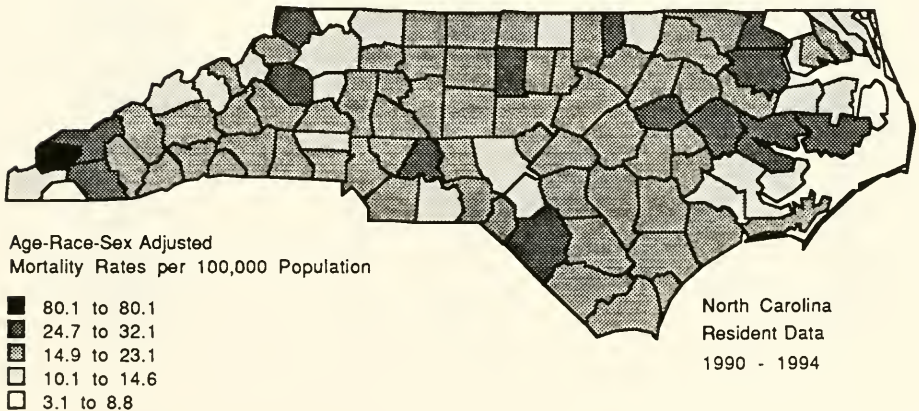


Figure 16.B

TABLE - 17

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

PNEUMONIA AND INFLUENZA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	2207	31.2	10264	30.0	23.3
REGIONS					
D.E.H.N.R. I	337	44.0	1580	42.3	23.2
D.E.H.N.R. II	486	32.2	2122	29.1	24.1
D.E.H.N.R. III	429	30.4	2130	30.9	22.4
D.E.H.N.R. IV	397	27.9	1777	26.1	22.6
D.E.H.N.R. V	220	28.4	1043	27.7	25.5
D.E.H.N.R. VI	213	32.5	1038	32.3	25.2
D.E.H.N.R. VII	125	23.9	574	22.6	20.7
COUNTIES					
1 ALAMANCE	27	23.8	133	24.0	16.1
2 ALEXANDER	12	40.5	55	38.5	32.1
3 ALLEGHANY	9	93.7	29	59.8	40.8
4 ANSON	14	58.3	76	64.4	41.9
5 ASHE	11	48.0	39	34.6	35.6
6 AVERY	7	46.4	37	49.4	40.9
7 BEAUFORT	15	34.7	96	44.9	27.3
8 BERTIE	10	48.8	39	38.2	26.7
9 BLADEN	10	33.9	69	47.6	32.8
10 BRUNSWICK	14	23.9	75	27.4	21.9
11 BUNCOMBE	70	37.7	362	40.2	22.4
12 BURKE	30	37.7	104	26.8	18.9
13 CABARRUS	50	46.6	224	43.4	31.4
14 CALDWELL	10	13.7	77	21.4	15.1
15 CAMDEN	1	16.1	6	19.9	12.7
16 CARTERET	18	31.8	60	21.9	17.4
17 CASHWELL	6	28.3	34	32.4	20.0
18 CATAWBA	61	49.2	227	37.4	31.0
19 CHATHAM	17	40.5	71	35.1	21.8
20 CHEROKEE	14	65.3	46	44.2	21.0
21 CHOWAN	11	78.6	57	82.3	40.7
22 CLAY	3	39.7	9	24.5	107.2
23 CLEVELAND	49	55.8	201	46.6	32.6
24 COLUMBUS	19	37.3	95	37.8	28.5
25 CRAVEN	27	32.0	95	22.8	21.5
26 CUMBERLAND	37	12.7	200	14.1	21.8
27 CURRITUCK	9	58.4	42	57.9	48.2
28 DARE	14	56.4	46	39.0	44.5
29 DAVIDSON	39	28.9	178	27.1	21.7
30 DAVIE	7	23.9	52	36.2	24.2
31 DUPLIN	19	45.2	83	40.5	28.0
32 DURHAM	64	33.5	258	27.5	23.0
33 EDGECOMBE	24	42.6	95	33.5	28.1
34 FORSYTH	90	32.6	432	32.0	23.3
35 FRANKLIN	14	34.6	57	29.5	21.3
36 GASTON	58	32.6	250	28.3	22.5
37 GATES	3	30.8	19	39.9	27.9
38 GRAHAM	5	67.4	17	46.8	31.5
39 GRANVILLE	19	46.9	100	50.5	40.9
40 GREENE	2	12.2	17	21.4	15.4
41 GUILFORD	109	29.8	526	29.6	22.5

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
PNEUMONIA AND INFLUENZA CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	20	35.0	85	30.1	18.2
43 HARNETT	30	40.1	118	33.3	27.9
44 HAYWOOD	31	63.2	129	53.5	25.5
45 HENDERSON	43	57.3	209	57.8	25.8
46 HERTFORD	4	17.8	36	32.0	16.7
47 HOKE	6	22.5	30	24.8	22.3
48 HYDE	3	56.9	17	63.0	40.7
49 IREDELL	35	34.7	159	32.7	22.7
50 JACKSON	12	42.2	69	50.0	28.0
51 JOHNSTON	28	30.6	130	30.1	23.9
52 JONES	1	10.5	14	29.6	17.7
53 LEE	22	49.1	84	39.0	29.5
54 LENOIR	13	22.1	78	26.8	18.7
55 LINCOLN	19	34.7	72	27.5	22.8
56 MCDOWELL	13	35.4	68	37.7	19.4
57 MACON	9	35.3	49	39.9	13.2
58 MADISON	3	17.0	45	52.3	21.8
59 MARTIN	9	34.5	45	35.2	24.2
60 MECKLENBURG	112	20.0	529	19.7	19.1
61 MITCHELL	7	48.4	37	51.3	20.9
62 MONTGOMERY	8	33.8	29	24.7	17.2
63 MOORE	29	44.6	139	45.0	23.8
64 NASH	29	35.0	131	32.9	25.0
65 NEW HANOVER	33	24.4	150	23.5	18.8
66 NORTHAMPTON	12	58.2	46	44.5	27.0
67 ONSLOW	12	8.2	68	9.1	18.2
68 ORANGE	22	21.0	90	18.1	18.5
69 PAMLICO	8	67.9	30	52.0	28.2
70 PASQUOTANK	22	66.1	75	46.7	30.5
71 PENDER	10	29.8	43	27.5	21.3
72 PERQUIMANS	5	47.4	20	38.2	21.2
73 PERSON	8	25.5	51	33.2	20.8
74 PITT	27	23.3	153	27.2	26.3
75 POLK	13	84.0	53	70.7	19.4
76 RANDOLPH	26	23.0	115	21.0	14.7
77 RICHMOND	22	48.8	79	35.2	25.4
78 ROBESON	40	36.4	165	30.8	28.7
79 ROCKINGHAM	26	29.7	123	28.4	19.3
80 ROWAN	61	52.2	234	41.2	25.0
81 RUTHERFORD	34	58.0	148	51.2	30.8
82 SAMPSON	18	36.1	95	39.1	26.4
83 SCOTLAND	6	17.3	43	25.1	23.8
84 STANLY	12	22.3	56	21.2	13.7
85 STOKES	24	59.8	107	55.6	46.9
86 SURRY	23	35.7	124	39.4	27.6
87 SWAIN	4	34.8	32	56.5	35.6
88 TRANSYLVANIA	20	74.0	53	40.3	19.8
89 TYRRELL	2	52.4	8	41.7	21.9
90 UNION	17	18.0	115	25.9	27.3
91 VANCE	12	30.1	76	38.6	24.6
92 WAKE	81	16.3	364	15.8	18.7
93 WARREN	6	33.6	36	41.1	23.1
94 WASHINGTON	7	50.5	33	47.4	33.4
95 WATAUGA	8	20.3	50	26.3	18.8
96 WAYNE	20	18.3	112	20.9	20.8
97 WILKES	12	19.6	119	39.4	29.0
98 WILSON	19	28.2	103	30.9	23.4
99 YADKIN	12	36.5	69	43.6	26.9
100 YANCEY	9	56.3	36	45.9	30.9

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Pneumonia and Influenza

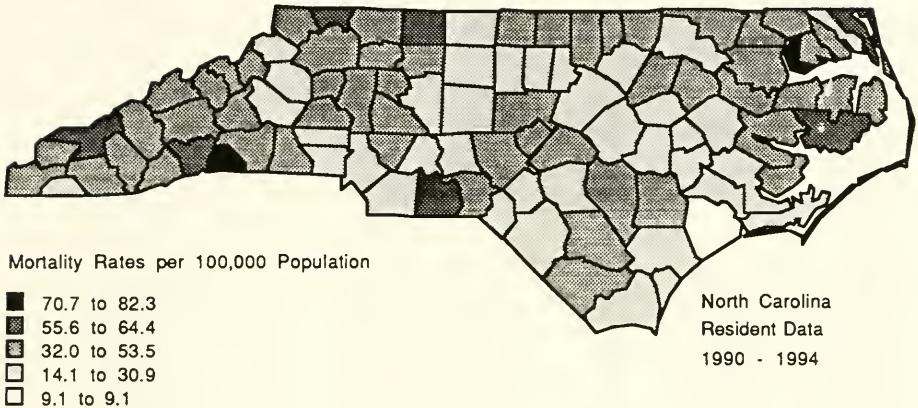


Figure 17.A

Pneumonia and Influenza

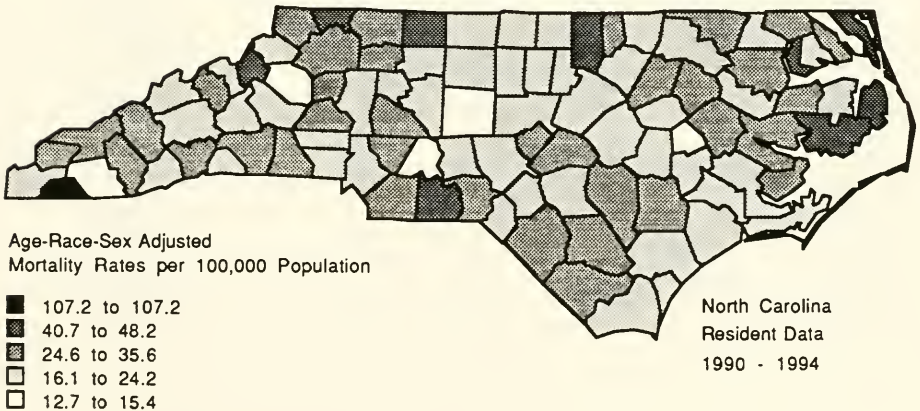


Figure 17.B

TABLE - 18

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

CHRONIC OBSTRUCTIVE PULMONARY DISEASES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	2565	36.3	12103	35.3	29.7
REGIONS					
D.E.H.N.R. I	383	50.0	1842	49.4	29.0
D.E.H.N.R. II	492	32.6	2290	31.4	27.5
D.E.H.N.R. III	559	39.6	2830	41.1	31.8
D.E.H.N.R. IV	435	30.5	1953	28.6	28.1
D.E.H.N.R. V	263	33.9	1168	31.1	31.3
D.E.H.N.R. VI	240	36.6	1181	36.8	32.5
D.E.H.N.R. VII	193	36.8	839	33.0	31.2
COUNTIES					
1 ALAMANCE	45	39.6	278	50.2	34.5
2 ALEXANDER	12	40.5	36	25.2	24.8
3 ALLEGHANY	4	41.6	29	59.8	40.5
4 ANSON	9	37.5	36	30.5	22.0
5 ASHE	14	61.1	82	72.8	63.9
6 AVERY	6	39.8	40	53.4	28.5
7 BEAUFORT	19	43.9	95	44.4	31.6
8 BERTIE	6	29.3	37	36.3	28.7
9 BLADEN	11	37.3	59	40.7	33.5
10 BRUNSWICK	28	47.8	117	42.7	30.3
11 BUNCOMBE	96	51.7	428	47.5	28.7
12 BURKE	31	38.9	169	43.6	33.9
13 CABARRUS	35	32.6	175	33.9	25.8
14 CALDWELL	27	36.9	135	37.6	30.3
15 CAMDEN	9	144.7	20	66.4	47.2
16 CARTERET	25	44.2	117	42.7	29.7
17 CASHMELL	8	37.7	41	39.1	31.7
18 CATAWBA	46	37.1	210	34.6	30.2
19 CHATHAM	13	31.0	68	33.6	24.1
20 CHEROKEE	11	51.3	60	57.7	41.0
21 CHOWAN	9	64.3	47	67.9	42.4
22 CLAY	7	92.5	20	54.5	21.0
23 CLEVELAND	25	28.5	149	34.6	26.5
24 COLUMBUS	30	58.8	90	35.9	29.4
25 CRAVEN	17	20.1	141	33.9	32.6
26 CUMBERLAND	70	24.0	326	22.9	38.3
27 CURRITUCK	11	71.4	40	55.2	45.9
28 DARE	11	44.3	41	34.7	24.8
29 DAVIDSON	53	39.3	240	36.6	28.4
30 DAVIE	9	30.7	46	32.1	20.9
31 DUPLIN	16	38.1	85	41.4	31.7
32 DURHAM	47	24.6	250	26.6	27.2
33 EDGEcombe	29	51.4	98	34.6	37.6
34 FORSYTH	99	35.8	535	39.6	32.7
35 FRANKLIN	9	22.3	60	31.1	28.6
36 GASTON	76	42.7	352	39.8	33.0
37 GATES	4	41.1	25	52.5	37.6
38 GRAHAM	4	53.9	18	49.6	22.9
39 GRANVILLE	17	42.0	64	32.3	28.2
40 GREENE	6	36.6	22	27.7	25.0
41 GUILFORD	129	35.3	677	38.1	32.5

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
CHRONIC OBSTRUCTIVE PULMONARY DISEASES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	31	54.2	148	52.4	39.7
43 HARNETT	37	49.4	124	35.0	31.3
44 HAYWOOD	33	67.3	154	63.9	27.2
45 HENDERSON	49	65.2	236	65.2	32.7
46 HERTFORD	7	31.2	43	38.2	28.3
47 HOKE	6	22.5	31	25.7	32.6
48 HYDE	2	38.0	14	51.9	30.7
49 IREDELL	37	36.7	182	37.5	27.5
50 JACKSON	10	35.2	52	37.7	24.0
51 JOHNSTON	38	41.5	123	28.5	23.1
52 JONES	8	84.2	20	42.3	34.8
53 LEE	8	17.8	66	30.7	23.4
54 LENOIR	29	49.4	127	43.7	35.7
55 LINCOLN	20	36.5	74	28.3	23.6
56 MCDOWELL	13	35.4	80	44.3	30.4
57 MACON	13	51.0	61	49.7	28.4
58 MADISON	11	62.5	49	56.9	26.7
59 MARTIN	9	34.5	46	36.0	31.1
60 MECKLENBURG	143	25.5	705	26.3	28.3
61 MITCHELL	7	48.4	40	55.5	38.1
62 MONTGOMERY	7	29.6	43	36.6	28.4
63 MOORE	31	47.7	133	43.1	21.5
64 NASH	30	36.2	160	40.2	34.3
65 NEW HANOVER	48	35.6	224	35.1	29.2
66 NORTHAMPTON	11	53.4	50	48.3	28.2
67 ONSLOW	35	23.8	135	18.2	39.1
68 ORANGE	18	17.2	97	19.5	22.6
69 PAMLICO	3	25.5	21	36.4	23.1
70 PASQUOTANK	18	54.1	75	46.7	40.0
71 PENDER	11	32.7	71	45.4	35.8
72 PERQUIMANS	0	0.0	21	40.1	25.8
73 PERSON	12	38.3	63	41.0	29.9
74 PITT	32	27.6	143	25.5	29.2
75 POLK	13	84.0	43	57.3	20.0
76 RANDOLPH	43	38.1	198	36.1	26.5
77 RICHMOND	22	48.8	97	43.2	34.4
78 ROBESON	33	30.0	159	29.6	35.9
79 ROCKINGHAM	60	68.4	222	51.3	36.7
80 ROWAN	55	47.1	237	41.8	28.5
81 RUTHERFORD	28	47.8	140	48.5	30.3
82 SAMPSON	24	48.1	106	43.7	32.0
83 SCOTLAND	13	37.5	54	31.5	32.3
84 STANLY	24	44.7	88	33.3	26.1
85 STOKES	8	19.9	62	32.2	24.4
86 SURRY	41	63.7	167	53.1	35.1
87 SWAIN	1	8.7	20	35.3	22.1
88 TRANSYLVANIA	11	40.7	56	42.5	21.9
89 TYRRELL	0	0.0	11	57.4	37.4
90 UNION	19	20.1	82	18.4	18.2
91 VANCE	22	55.1	87	44.2	39.2
92 WAKE	115	23.2	464	20.1	25.7
93 WARREN	9	50.4	40	45.7	24.3
94 WASHINGTON	4	28.8	24	34.5	26.5
95 WATAUGA	12	30.5	53	27.9	27.4
96 WAYNE	36	33.0	168	31.4	33.5
97 WILKES	22	35.9	131	43.3	31.7
98 WILSON	26	38.5	115	34.4	29.7
99 YADKIN	12	36.5	69	43.6	30.4
100 YANCEY	12	75.1	41	52.3	44.3

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Chronic Obstructive Pulmonary Diseases

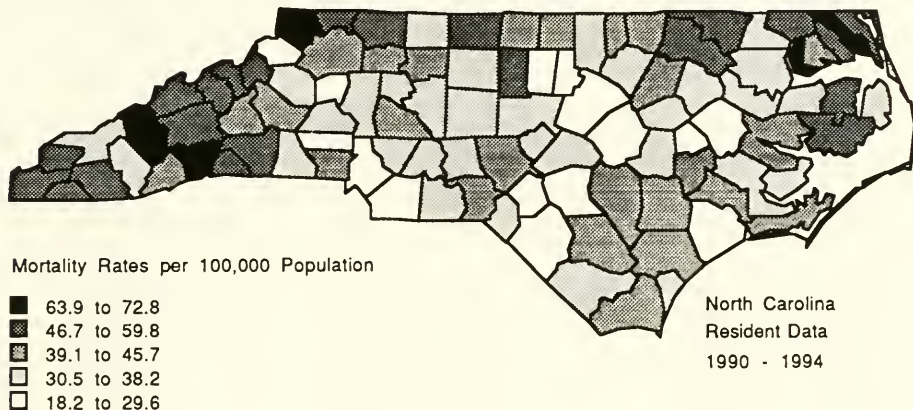


Figure 18.A

Chronic Obstructive Pulmonary Diseases

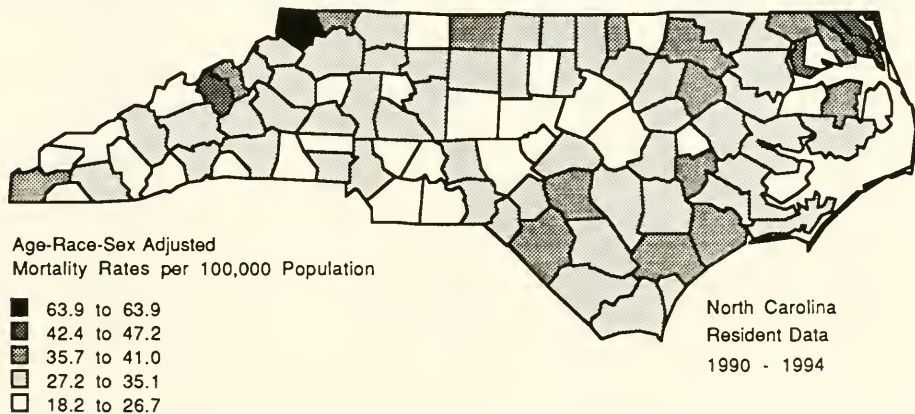


Figure 18.B

TABLE - 19

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

CHRONIC LIVER DISEASE AND CIRRHOSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	700	9.9	3451	10.1	9.0
REGIONS					
D.E.H.N.R. I	81	10.6	457	12.2	11.3
D.E.H.N.R. II	160	10.6	723	9.9	9.4
D.E.H.N.R. III	124	8.8	669	9.7	8.5
D.E.H.N.R. IV	136	9.5	608	8.9	8.2
D.E.H.N.R. V	77	9.9	376	10.0	9.4
D.E.H.N.R. VI	68	10.4	334	10.4	8.8
D.E.H.N.R. VII	54	10.3	284	11.2	10.8
COUNTIES					
1 ALAMANCE	11	9.7	50	9.0	7.4
2 ALEXANDER	3	10.1	11	7.7	11.0
3 ALLEGHANY	1	10.4	5	10.3	6.4
4 ANSON	0	0.0	16	13.6	9.7
5 ASHE	3	13.1	10	8.9	5.3
6 AVERY	1	6.6	11	14.7	9.2
7 BEAUFORT	5	11.6	26	12.2	8.8
8 BERTIE	2	9.8	8	7.8	9.8
9 BLADEN	4	13.6	19	13.1	11.2
10 BRUNSWICK	12	20.5	41	15.0	10.9
11 BUNCOMBE	21	11.3	123	13.7	13.8
12 BURKE	5	6.3	35	9.0	8.4
13 CABARRUS	6	5.6	39	7.6	6.1
14 CALDWELL	8	10.9	32	8.9	8.4
15 CAMDEN	0	0.0	1	3.3	2.5
16 CARTERET	2	3.5	34	12.4	10.3
17 CASMELL	3	14.1	15	14.3	9.7
18 CATAMBA	22	17.8	73	12.0	12.2
19 CHATHAM	4	9.5	17	8.4	6.7
20 CHEROKEE	2	9.3	11	10.6	9.8
21 CHOWAN	4	28.6	15	21.7	17.3
22 CLAY	1	13.2	3	8.2	4.0
23 CLEVELAND	15	17.1	55	12.8	11.2
24 COLUMBUS	8	15.7	34	13.5	11.1
25 CRAVEN	8	9.5	39	9.4	8.9
26 CUMBERLAND	22	7.5	112	7.9	8.9
27 CURRITUCK	4	26.0	8	11.0	9.6
28 DARE	1	4.0	12	10.2	9.5
29 DAVIDSON	10	7.4	53	8.1	6.9
30 DAVIE	4	13.6	11	7.7	6.5
31 DUPLIN	6	14.3	18	8.8	8.1
32 DURHAM	17	8.9	69	7.4	7.5
33 EDGECOMBE	11	19.5	47	16.6	14.8
34 FORSYTH	21	7.6	137	10.1	8.7
35 FRANKLIN	3	7.4	29	15.0	12.6
36 GASTON	29	16.3	116	13.1	12.4
37 GATES	0	0.0	1	2.1	1.7
38 GRAHAM	0	0.0	4	11.0	15.4
39 GRANVILLE	3	7.4	15	7.6	6.5
40 GREENE	1	6.1	3	3.8	3.2
41 GUILFORD	31	8.5	183	10.3	9.1

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
CHRONIC LIVER DISEASE AND CIRRHOSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	15	26.2	48	17.0	11.4
43 HARNETT	12	16.0	26	7.3	7.0
44 HAYWOOD	6	12.2	32	13.3	11.8
45 HENDERSON	5	6.7	49	13.5	8.6
46 HERTFORD	2	8.9	19	16.9	9.7
47 HOKE	0	0.0	15	12.4	9.8
48 HYDE	0	0.0	2	7.4	7.2
49 IREDELL	11	10.9	51	10.5	9.6
50 JACKSON	1	3.5	19	13.8	14.6
51 JOHNSTON	8	8.7	52	12.0	10.8
52 JONES	1	10.5	5	10.6	7.2
53 LEE	4	8.9	24	11.2	9.5
54 LENOIR	10	17.0	36	12.4	9.3
55 LINCOLN	10	18.3	27	10.3	8.6
56 MCDOWELL	6	16.3	27	15.0	14.3
57 MACON	2	7.9	13	10.6	6.0
58 MADISON	1	5.7	10	11.6	40.3
59 MARTIN	3	11.5	16	12.5	9.8
60 MECKLENBURG	50	8.9	253	9.4	8.9
61 MITCHELL	0	0.0	9	12.5	7.4
62 MONTGOMERY	0	0.0	7	6.0	4.1
63 MOORE	6	9.2	41	13.3	9.7
64 NASH	7	8.5	51	12.8	11.1
65 NEW HANOVER	20	14.8	90	14.1	12.6
66 NORTHAMPTON	3	14.6	15	14.5	13.6
67 ONSLOW	5	3.4	48	6.5	10.6
68 ORANGE	5	4.8	17	3.4	3.6
69 PAMLICO	2	17.0	6	10.4	7.8
70 PASQUOTANK	2	6.0	10	6.2	5.0
71 PENDER	1	3.0	19	12.2	9.5
72 PERQUIMANS	1	9.5	6	11.5	9.0
73 PERSON	4	12.8	12	7.8	6.0
74 PITT	10	8.6	63	11.2	11.5
75 POLK	5	32.3	15	20.0	19.2
76 RANDOLPH	9	8.0	45	8.2	8.5
77 RICHMOND	4	8.9	27	12.0	10.0
78 ROBESON	15	13.7	61	11.4	10.7
79 ROCKINGHAM	14	16.0	65	15.0	12.0
80 ROWAN	6	5.1	41	7.2	6.4
81 RUTHERFORD	9	15.4	29	10.0	8.9
82 SAMPSON	12	24.1	37	15.2	12.4
83 SCOTLAND	2	5.8	15	8.8	8.8
84 STANLY	3	5.6	24	9.1	7.9
85 STOKES	1	2.5	17	8.8	7.1
86 SURRY	10	15.5	35	11.1	9.5
87 SWAIN	2	17.4	11	19.4	16.0
88 TRANSYLVANIA	5	18.5	19	14.4	8.3
89 TYRRELL	0	0.0	2	10.4	6.6
90 UNION	5	5.3	33	7.4	8.1
91 VANCE	9	22.6	32	16.3	13.2
92 WAKE	31	6.2	123	5.3	6.3
93 WARREN	2	11.2	7	8.0	4.3
94 WASHINGTON	0	0.0	2	2.9	1.9
95 WATAUGA	0	0.0	9	4.7	3.9
96 WAYNE	12	11.0	54	10.1	9.1
97 WILKES	4	6.5	24	7.9	7.6
98 WILSON	10	14.8	50	15.0	12.2
99 YADKIN	2	6.1	10	6.3	4.2
100 YANCEY	1	6.3	5	6.4	3.6

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Chronic Liver Disease and Cirrhosis

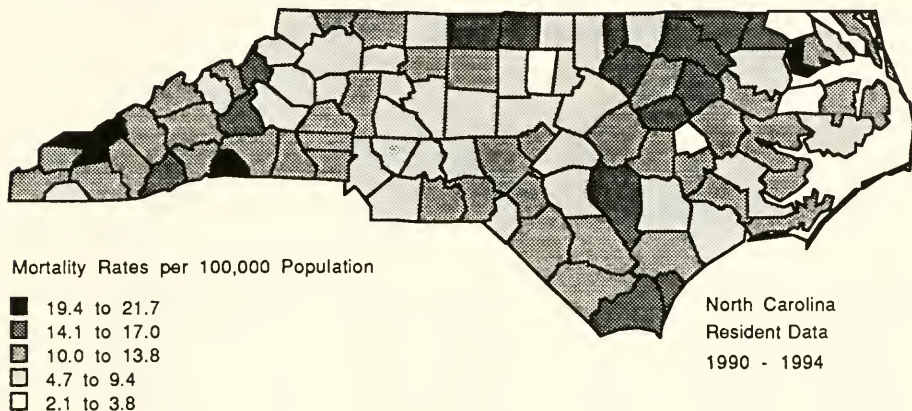


Figure 19.A

Chronic Liver Disease and Cirrhosis

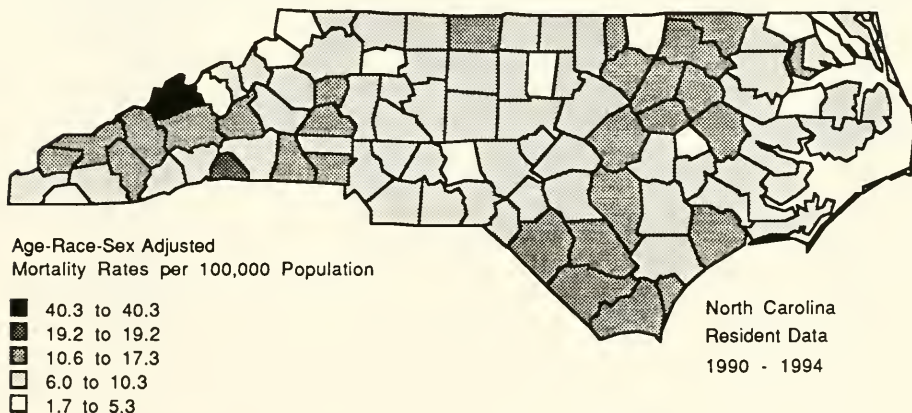


Figure 19.B

TABLE - 20

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

NEPHRITIS AND NEPHROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	654	9.3	2975	8.7	7.2
REGIONS					
D.E.H.N.R. I	76	9.9	349	9.4	6.7
D.E.H.N.R. II	130	8.6	578	7.9	7.3
D.E.H.N.R. III	116	8.2	614	8.9	7.3
D.E.H.N.R. IV	139	9.8	565	8.3	7.1
D.E.H.N.R. V	72	9.3	332	8.8	7.5
D.E.H.N.R. VI	82	12.5	337	10.5	7.4
D.E.H.N.R. VII	39	7.4	200	7.9	7.4
COUNTIES					
1 ALAMANCE	6	5.3	58	10.5	7.9
2 ALEXANDER	4	13.5	16	11.2	10.5
3 ALLEGHANY	0	0.0	7	14.4	5.1
4 ANSON	6	25.0	16	13.6	7.3
5 ASHE	5	21.8	15	13.3	5.7
6 AVERY	3	19.9	11	14.7	7.1
7 BEAUFORT	8	18.5	24	11.2	7.4
8 BERTIE	1	4.9	13	12.7	7.3
9 BLADEN	4	13.6	21	14.5	8.5
10 BRUNSWICK	4	6.8	20	7.3	6.7
11 BUNCOMBE	19	10.2	76	8.4	6.4
12 BURKE	9	11.3	41	10.6	9.6
13 CABARRUS	14	13.1	50	9.7	8.2
14 CALDWELL	9	12.3	28	7.8	7.0
15 CAMDEN	0	0.0	2	6.6	4.7
16 CARTERET	3	5.3	19	6.9	8.3
17 CASHMELL	2	9.4	13	12.4	6.8
18 CATAWBA	25	20.2	79	13.0	13.1
19 CHATHAM	0	0.0	16	7.9	5.3
20 CHEROKEE	3	14.0	16	15.4	13.2
21 CHOWAN	4	28.6	14	20.2	9.3
22 CLAY	0	0.0	1	2.7	0.7
23 CLEVELAND	2	2.3	41	9.5	7.1
24 COLUMBUS	7	13.7	33	13.1	9.2
25 CRAVEN	10	11.8	35	8.4	6.6
26 CUMBERLAND	14	4.8	74	5.2	7.1
27 CURRITUCK	1	6.5	3	4.1	4.6
28 DARE	3	12.1	6	5.1	6.0
29 DAVIDSON	12	8.9	56	8.5	9.0
30 DAVIE	3	10.2	17	11.8	9.3
31 DUPLIN	9	21.4	29	14.1	9.0
32 DURHAM	34	17.8	118	12.6	9.9
33 EDGECOMBE	10	17.7	37	13.0	7.3
34 FORSYTH	34	12.3	146	10.8	8.3
35 FRANKLIN	7	17.3	22	11.4	6.5
36 GASTON	19	10.7	76	8.6	7.7
37 GATES	4	41.1	10	21.0	10.1
38 GRAHAM	1	13.5	5	13.8	43.7
39 GRANVILLE	3	7.4	16	8.1	5.2
40 GREENE	1	6.1	9	11.3	9.0
41 GUILFORD	23	6.3	128	7.2	5.8

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
NEPHRITIS AND NEPHROSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	7	12.2	30	10.6	8.0
43 HARNETT	8	10.7	41	11.6	9.9
44 HAYWOOD	4	8.2	21	8.7	6.5
45 HENDERSON	6	8.0	40	11.1	6.8
46 HERTFORD	4	17.8	17	15.1	6.1
47 HOKE	3	11.3	10	8.3	6.5
48 HYDE	0	0.0	5	18.5	11.4
49 IREDELL	10	9.9	39	8.0	6.6
50 JACKSON	2	7.0	14	10.1	8.4
51 JOHNSTON	8	8.7	41	9.5	7.9
52 JONES	3	31.6	7	14.8	10.4
53 LEE	6	13.4	22	10.2	8.0
54 LENOIR	10	17.0	48	16.5	10.7
55 LINCOLN	4	7.3	24	9.2	6.7
56 MCDOWELL	1	2.7	18	10.0	5.5
57 MACON	1	3.9	5	4.1	1.3
58 MADISON	2	11.4	10	11.6	5.4
59 MARTIN	2	7.7	13	10.2	5.9
60 MECKLENBURG	30	5.3	150	5.6	5.7
61 MITCHELL	1	6.9	5	6.9	2.8
62 MONTGOMERY	5	21.1	16	13.6	10.2
63 MOORE	9	13.9	27	8.7	5.1
64 NASH	9	10.9	44	11.1	8.8
65 NEW HANOVER	10	7.4	52	8.2	6.9
66 NORTHAMPTON	2	9.7	11	10.6	4.0
67 ONSLOW	3	2.0	25	3.4	6.9
68 ORANGE	11	10.5	28	5.6	6.8
69 PAMLICO	0	0.0	2	3.5	2.1
70 PASQUOTANK	3	9.0	12	7.5	5.1
71 PENDER	3	8.9	22	14.1	9.9
72 PERQUIMANS	1	9.5	7	13.4	6.0
73 PERSON	4	12.8	20	13.0	7.4
74 PITT	15	12.9	56	10.0	9.1
75 POLK	3	19.4	7	9.3	5.0
76 RANDOLPH	8	7.1	32	5.8	7.3
77 RICHMOND	4	8.9	28	12.5	9.4
78 ROBESON	9	8.2	52	9.7	7.2
79 ROCKINGHAM	6	6.8	46	10.6	7.3
80 ROMAN	11	9.4	54	9.5	6.9
81 RUTHERFORD	8	13.6	25	8.7	6.2
82 SAMPSON	4	8.0	31	12.8	8.0
83 SCOTLAND	6	17.3	16	9.3	7.5
84 STANLY	2	3.7	17	6.4	5.3
85 STOKES	2	5.0	13	6.8	5.8
86 SURRY	8	12.4	32	10.2	9.2
87 SWAIN	1	8.7	8	14.1	9.0
88 TRANSYLVANIA	2	7.4	12	9.1	3.9
89 TYRRELL	0	0.0	5	26.1	13.3
90 UNION	9	9.5	32	7.2	8.1
91 VANCE	9	22.6	27	13.7	10.9
92 WAKE	26	5.2	108	4.7	5.8
93 WARREN	1	5.6	12	13.7	8.3
94 WASHINGTON	2	14.4	7	10.1	5.3
95 WATAUGA	2	5.1	9	4.7	3.1
96 WAYNE	10	9.2	42	7.8	7.0
97 WILKES	2	3.3	28	9.3	6.4
98 WILSON	2	3.0	13	3.9	2.8
99 YADKIN	3	9.1	14	8.9	5.6
100 YANCEY	1	6.3	6	7.7	3.2

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Nephritis and Nephrosis

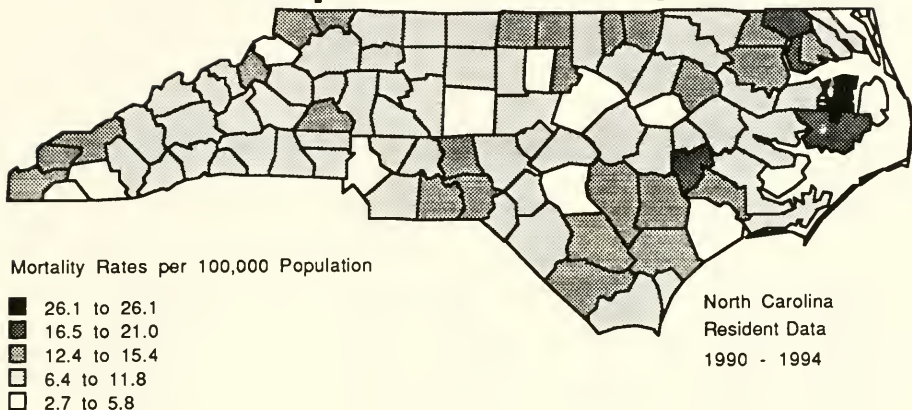


Figure 20.A

Nephritis and Nephrosis

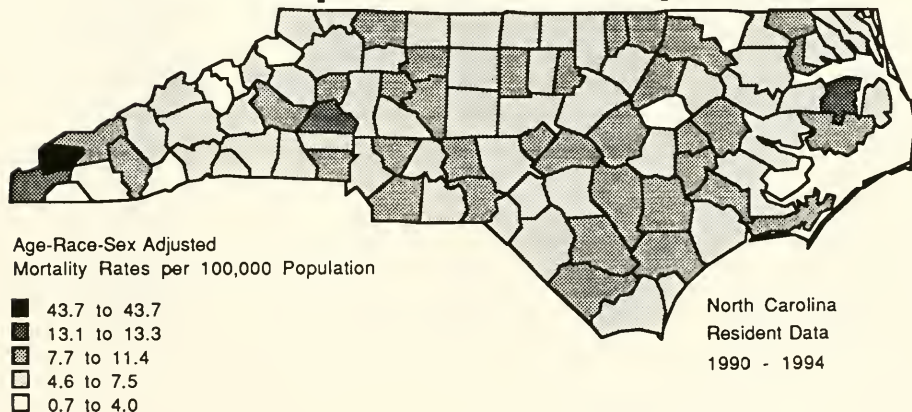


Figure 20.B

TABLE - 21
MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

UNINTENTIONAL MOTOR VEHICLE INJURIES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	1456	20.6	7036	20.5	20.6
REGIONS					
D.E.H.N.R. I	157	20.5	718	19.2	20.8
D.E.H.N.R. II	260	17.2	1325	18.2	18.8
D.E.H.N.R. III	278	19.7	1329	19.3	19.6
D.E.H.N.R. IV	255	17.9	1312	19.2	19.0
D.E.H.N.R. V	223	28.8	1031	27.4	26.1
D.E.H.N.R. VI	155	23.7	728	22.7	22.3
D.E.H.N.R. VII	128	24.4	593	23.3	22.2
COUNTIES					
1 ALAMANCE	20	17.6	96	17.3	17.3
2 ALEXANDER	11	37.1	38	26.6	28.7
3 ALLEGHANY	3	31.2	18	37.1	33.5
4 ANSON	9	37.5	26	22.0	19.3
5 ASHE	3	13.1	19	16.9	12.6
6 AVERY	1	6.6	12	16.0	24.3
7 BEAUFORT	10	23.1	52	24.3	25.0
8 BERTIE	7	34.1	39	38.2	44.2
9 BLADEN	8	27.1	52	35.8	36.0
10 BRUNSWICK	23	39.3	94	34.3	35.8
11 BUNCOMBE	33	17.8	137	15.2	15.2
12 BURKE	14	17.6	75	19.4	22.8
13 CABARRUS	14	13.1	76	14.7	15.3
14 CALDWELL	19	26.0	76	21.2	24.9
15 CAMDEN	2	32.1	8	26.6	25.1
16 CARTERET	11	19.4	56	20.4	24.2
17 CASHWELL	10	47.1	33	31.5	24.6
18 CATAWBA	19	15.3	138	22.8	23.4
19 CHATHAM	7	16.7	64	31.7	33.3
20 CHEROKEE	2	9.3	15	14.4	11.9
21 CHOWAN	4	28.6	17	24.5	25.7
22 CLAY	3	39.7	8	21.8	18.1
23 CLEVELAND	17	19.4	101	23.4	24.1
24 COLUMBUS	20	39.2	98	39.0	40.5
25 CRAVEN	24	28.4	73	17.6	17.2
26 CUMBERLAND	52	17.8	271	19.1	17.9
27 CURRITUCK	4	26.0	34	46.9	50.5
28 DARE	4	16.1	16	13.5	14.3
29 DAVIDSON	30	22.3	140	21.3	22.8
30 DAVIE	9	30.7	40	27.9	26.5
31 DUPLIN	18	42.9	56	27.3	27.3
32 DURHAM	22	11.5	115	12.3	11.7
33 EDGECOMBE	12	21.3	77	27.2	32.7
34 FORSYTH	33	11.9	193	14.3	15.2
35 FRANKLIN	11	27.2	68	35.2	34.4
36 GASTON	28	15.7	163	18.4	19.5
37 GATES	5	51.3	25	52.5	48.8
38 GRAHAM	1	13.5	2	5.5	3.5
39 GRANVILLE	6	14.8	38	19.2	17.2
40 GREENE	5	30.5	24	30.2	35.1
41 GUILFORD	71	19.4	291	16.4	16.8

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
UNINTENTIONAL MOTOR VEHICLE INJURIES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	21	36.7	94	33.3	34.9
43 HARNETT	23	30.7	103	29.0	28.7
44 HAYWOOD	10	20.4	46	19.1	17.7
45 HENDERSON	17	22.6	69	19.1	20.8
46 HERTFORD	7	31.2	30	26.7	19.4
47 HOKE	12	45.1	41	34.0	28.2
48 HYDE	2	38.0	9	33.4	36.1
49 IREDELL	17	16.9	88	18.1	19.2
50 JACKSON	2	7.0	26	18.8	18.0
51 JOHNSTON	18	19.7	120	27.8	28.4
52 JONES	2	21.1	9	19.0	14.2
53 LEE	11	24.5	59	27.4	30.9
54 LENOIR	10	17.0	66	22.7	21.8
55 LINCOLN	11	20.1	65	24.8	26.8
56 MCDOWELL	16	43.6	49	27.1	24.8
57 MACON	5	19.6	23	18.7	13.6
58 MADISON	3	17.0	28	32.5	22.8
59 MARTIN	9	34.5	45	35.2	37.7
60 MECKLENBURG	79	14.1	355	13.2	13.2
61 MITCHELL	5	34.6	14	19.4	15.5
62 MONTGOMERY	2	8.4	25	21.3	20.3
63 MOORE	25	38.5	90	29.2	29.8
64 NASH	25	30.2	94	23.6	25.0
65 NEW HANOVER	12	8.9	81	12.7	12.9
66 NORTHAMPTON	6	29.1	28	27.1	23.9
67 ONSLOW	32	21.7	158	21.3	19.2
68 ORANGE	16	15.3	83	16.7	16.7
69 PAHLICO	6	50.9	18	31.2	29.9
70 PASQUOTANK	5	15.0	24	14.9	17.0
71 PENDER	12	35.7	50	32.0	32.9
72 PERQUIMANS	4	37.9	15	28.7	23.9
73 PERSON	7	22.3	41	26.7	26.4
74 PITT	17	14.6	97	17.3	17.2
75 POLK	4	25.9	25	33.3	40.2
76 RANDOLPH	31	27.5	136	24.8	26.1
77 RICHMOND	19	42.2	86	38.3	37.2
78 ROBESON	42	38.2	201	37.5	34.4
79 ROCKINGHAM	20	22.8	99	22.9	24.5
80 ROWAN	21	18.0	123	21.7	22.5
81 RUTHERFORD	18	30.7	72	24.9	26.5
82 SAMPSON	22	44.1	87	35.9	34.8
83 SCOTLAND	9	26.0	49	28.6	30.7
84 STANLY	14	26.1	70	26.5	25.7
85 STOKES	6	14.9	37	19.2	22.9
86 SURRY	17	26.4	72	22.9	24.1
87 SHAIN	1	8.7	15	26.5	24.4
88 TRANSYLVANIA	3	11.1	16	12.2	9.5
89 TYRRELL	1	26.2	3	15.6	10.6
90 UNION	29	30.7	108	24.3	25.7
91 VANCE	10	25.1	50	25.4	26.0
92 WAKE	59	11.9	263	11.4	11.6
93 WARREN	9	50.4	24	27.4	23.2
94 WASHINGTON	4	28.8	20	28.7	34.4
95 WATAUGA	5	12.7	29	15.3	11.3
96 WAYNE	23	21.1	104	19.4	19.7
97 WILKES	11	18.0	83	27.5	28.2
98 WILSON	15	22.2	94	28.2	28.3
99 YADKIN	9	27.4	43	27.2	23.0
100 YANCEY	0	0.0	10	12.8	11.3

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Motor Vehicle Injuries

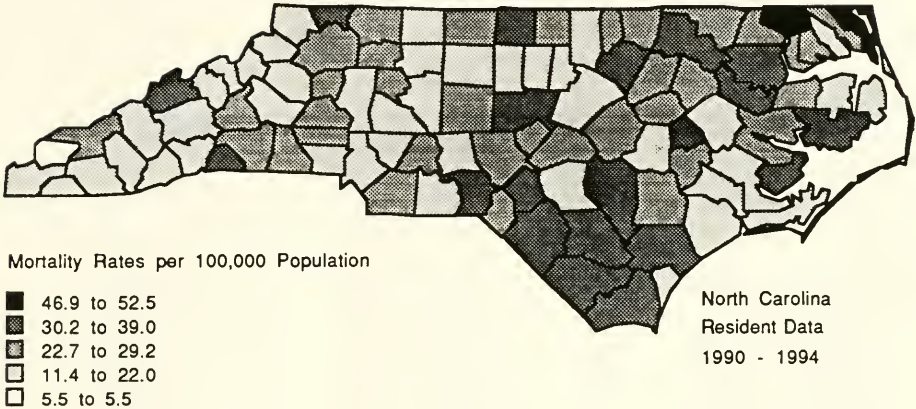


Figure 21.A

Motor Vehicle Injuries

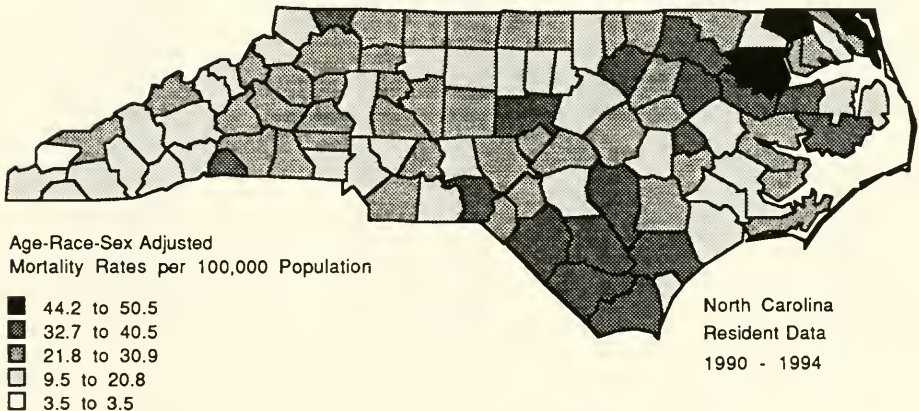


Figure 21.B

MORTALITY STATISTICS FOR 1994

NORTH CAROLINA RESIDENTS

ALL OTHER UNINTENTIONAL INJURIES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	1453	20.6	7094	20.7	18.4
REGIONS					
D.E.H.N.R. I	171	22.3	890	23.8	19.1
D.E.H.N.R. II	286	19.0	1315	18.0	16.8
D.E.H.N.R. III	290	20.5	1468	21.3	18.2
D.E.H.N.R. IV	270	18.9	1322	19.4	17.4
D.E.H.N.R. V	167	21.6	826	22.0	20.3
D.E.H.N.R. VI	170	25.9	751	23.4	20.4
D.E.H.N.R. VII	99	18.9	522	20.5	19.2
COUNTIES					
1 ALAMANCE	22	19.4	114	20.6	16.9
2 ALEXANDER	11	37.1	36	25.2	22.4
3 ALLEGHANY	4	41.6	15	30.9	22.9
4 ANSON	4	16.7	23	19.5	16.3
5 ASHE	4	17.4	25	22.2	12.9
6 AVERY	6	39.8	20	26.7	14.6
7 BEAUFORT	17	39.3	65	30.4	26.9
8 BERTIE	8	39.0	24	23.5	17.4
9 BLADEN	9	30.5	39	26.9	21.8
10 BRUNSWICK	17	29.1	69	25.2	22.6
11 BUNCOMBE	30	16.1	219	24.3	19.1
12 BURKE	23	28.9	86	22.2	20.1
13 CABARRUS	21	19.6	78	15.1	14.1
14 CALDWELL	17	23.3	55	15.3	12.3
15 CAMDEN	2	32.1	8	26.6	20.5
16 CARTERET	12	21.2	74	27.0	20.5
17 CASHELL	9	42.4	22	21.0	14.1
18 CATAWBA	20	16.1	108	17.8	17.2
19 CHATHAM	6	14.3	42	20.8	16.5
20 CHEROKEE	6	28.0	23	22.1	23.1
21 CHOWAN	4	28.6	12	17.3	10.7
22 CLAY	0	0.0	7	19.1	9.1
23 CLEVELAND	12	13.7	80	18.6	15.7
24 COLUMBUS	15	29.4	69	27.5	23.3
25 CRAVEN	15	17.8	79	19.0	17.8
26 CUMBERLAND	55	18.8	236	16.6	18.1
27 CURRITUCK	3	19.5	10	13.8	14.5
28 DARE	5	20.2	26	22.0	21.5
29 DAVIDSON	30	22.3	155	23.6	22.5
30 DAVIE	8	27.3	28	19.5	19.6
31 DUPLIN	8	19.1	44	21.4	18.1
32 DURHAM	45	23.5	182	19.4	17.3
33 EDGECOMBE	7	12.4	66	23.3	19.8
34 FORSYTH	48	17.4	273	20.2	16.4
35 FRANKLIN	8	19.8	50	25.9	19.9
36 GASTON	37	20.8	169	19.1	18.9
37 GATES	3	30.8	18	37.8	24.8
38 GRAHAM	0	0.0	10	27.6	17.5
39 GRANVILLE	6	14.8	33	16.7	15.2
40 GREENE	3	18.3	19	23.9	20.7
41 GUILFORD	71	19.4	359	20.2	16.7

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
ALL OTHER UNINTENTIONAL INJURIES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	10	17.5	79	28.0	22.7
43 HARNETT	14	18.7	79	22.3	20.6
44 HAYWOOD	13	26.5	67	27.8	15.0
45 HENDERSON	12	16.0	80	22.1	12.1
46 HERTFORD	2	8.9	33	29.3	19.0
47 HOKE	4	15.0	23	19.0	13.8
48 HYDE	1	19.0	13	48.2	33.7
49 IREDELL	17	16.9	102	21.0	18.4
50 JACKSON	13	45.8	35	25.4	25.0
51 JOHNSTON	15	16.4	108	25.0	22.9
52 JONES	2	21.1	10	21.2	18.1
53 LEE	10	22.3	52	24.2	21.1
54 LENOIR	14	23.9	54	18.6	16.5
55 LINCOLN	10	18.3	51	19.5	16.9
56 MCDOWELL	9	24.5	43	23.8	17.2
57 MACON	10	39.3	28	22.8	18.7
58 MADISON	8	45.5	25	29.0	17.0
59 MARTIN	9	34.5	34	26.6	20.9
60 MECKLENBURG	92	16.4	425	15.8	15.2
61 MITCHELL	2	13.8	27	37.5	22.3
62 MONTGOMERY	12	50.7	37	31.5	26.3
63 MOORE	12	18.5	72	23.3	19.8
64 NASH	19	23.0	88	22.1	19.4
65 NEW HANOVER	30	22.2	134	21.0	19.4
66 NORTHAMPTON	9	43.7	32	30.9	18.5
67 ONSLOW	10	6.8	98	13.2	16.9
68 ORANGE	14	13.4	70	14.1	14.6
69 PAMLICO	2	17.0	13	22.5	19.5
70 PASQUOTANK	16	48.1	44	27.4	24.1
71 PENDER	7	20.8	34	21.7	18.1
72 PERQUIMANS	5	47.4	20	38.2	29.1
73 PERSON	10	31.9	42	27.4	23.2
74 PITT	31	26.7	151	26.9	24.7
75 POLK	4	25.9	18	24.0	14.1
76 RANDOLPH	19	16.8	102	18.6	17.2
77 RICHMOND	9	20.0	64	28.5	27.2
78 ROBESON	35	31.9	138	25.7	23.5
79 ROCKINGHAM	16	18.2	99	22.9	19.4
80 ROMAN	32	27.4	135	23.8	19.0
81 RUTHERFORD	9	15.4	67	23.2	20.6
82 SAMPSON	8	16.0	73	30.1	24.1
83 SCOTLAND	5	14.4	42	24.5	20.0
84 STANLY	14	26.1	67	25.4	22.9
85 STOKES	10	24.9	53	27.5	27.9
86 SURRY	21	32.6	86	27.3	25.8
87 SWAIN	4	34.8	30	53.0	42.9
88 TRANSYLVANIA	3	11.1	28	21.3	16.2
89 TYRRELL	0	0.0	5	26.1	26.2
90 UNION	20	21.2	64	14.4	15.1
91 VANCE	14	35.1	52	26.4	21.9
92 WAKE	72	14.5	313	13.6	14.3
93 WARREN	3	16.8	28	32.0	17.4
94 WASHINGTON	1	7.2	12	17.2	15.9
95 WATAUGA	8	20.3	35	18.4	21.0
96 WAYNE	27	24.8	101	18.9	18.2
97 WILKES	14	22.9	69	22.8	21.4
98 WILSON	22	32.6	85	25.5	21.2
99 YADKIN	6	18.3	33	20.9	19.5
100 YANCEY	2	12.5	22	28.1	32.0

* SEE TECHNICAL NOTES

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All Other Injuries and Adverse Effects

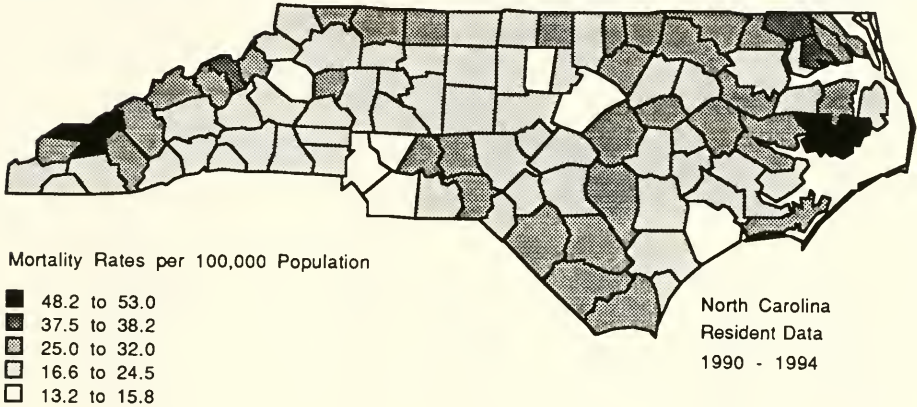


Figure 22.A

All Other Injuries and Adverse Effects

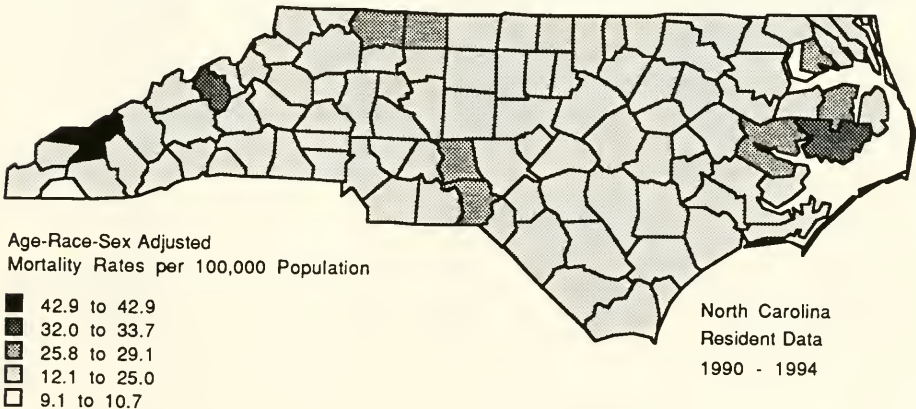


Figure 22.B

TABLE - 23
MORTALITY STATISTICS FOR 1994
NORTH CAROLINA RESIDENTS

SUICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	891	12.6	4346	12.7	12.1
REGIONS					
D.E.H.N.R. I	111	14.5	548	14.7	12.4
D.E.H.N.R. II	186	12.3	883	12.1	11.5
D.E.H.N.R. III	191	13.5	920	13.4	12.5
D.E.H.N.R. IV	172	12.1	840	12.3	12.4
D.E.H.N.R. V	97	12.5	437	11.6	12.2
D.E.H.N.R. VI	69	10.5	377	11.7	12.1
D.E.H.N.R. VII	65	12.4	341	13.4	12.4
COUNTIES					
1 ALAMANCE	22	19.4	76	13.7	13.1
2 ALEXANDER	3	10.1	24	16.8	17.2
3 ALLEGHANY	2	20.8	12	24.8	17.1
4 ANSON	3	12.5	18	15.2	15.6
5 ASHE	6	26.2	25	22.2	17.6
6 AVERY	5	33.2	15	20.0	14.2
7 BEAUFORT	5	11.6	25	11.7	13.5
8 BERTIE	1	4.9	14	13.7	22.0
9 BLADEN	5	17.0	20	13.8	12.1
10 BRUNSWICK	10	17.1	48	17.5	18.0
11 BUNCOMBE	28	15.1	140	15.5	13.9
12 BURKE	10	12.6	60	15.5	12.7
13 CABARRUS	11	10.3	61	11.8	10.8
14 CALDWELL	7	9.6	47	13.1	11.2
15 CAMDEN	2	32.1	7	23.2	22.9
16 CARTERET	5	8.8	39	14.2	12.1
17 CASHWELL	4	18.8	17	16.2	14.5
18 CATAWBA	22	17.8	94	15.5	14.6
19 CHATHAM	10	23.8	33	16.3	14.9
20 CHEROKEE	3	14.0	12	11.5	19.1
21 CHOWAN	1	7.1	4	5.8	3.4
22 CLAY	0	0.0	5	13.6	7.8
23 CLEVELAND	9	10.3	43	10.0	9.6
24 COLUMBUS	4	7.8	28	11.2	11.4
25 CRAVEN	7	8.3	55	13.2	13.1
26 CUMBERLAND	35	12.0	149	10.5	11.4
27 CURRITUCK	8	51.9	15	20.7	17.9
28 DARE	3	12.1	16	13.5	8.9
29 DAVIDSON	16	11.9	78	11.9	10.5
30 DAVIE	2	6.8	19	13.2	12.0
31 DUPLIN	7	16.7	31	15.1	15.5
32 DURHAM	30	15.7	125	13.3	13.7
33 EDGECOMBE	3	5.3	36	12.7	16.1
34 FORSYTH	37	13.4	184	13.6	13.5
35 FRANKLIN	9	22.3	29	15.0	16.3
36 GASTON	27	15.2	104	11.8	11.2
37 GATES	2	20.5	10	21.0	23.2
38 GRAHAM	0	0.0	3	8.3	13.1
39 GRANVILLE	9	22.2	32	16.1	15.7
40 GREENE	2	12.2	6	7.6	8.1
41 GUILFORD	49	13.4	215	12.1	12.0

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
SUICIDE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	3	5.2	28	9.9	12.4
43 HARNETT	10	13.4	42	11.8	11.8
44 HAYWOOD	9	18.3	34	14.1	9.7
45 HENDERSON	21	28.0	64	17.7	12.9
46 HERTFORD	2	8.9	8	7.1	6.3
47 HOKE	3	11.3	7	5.8	8.6
48 HYDE	0	0.0	2	7.4	9.2
49 IREDELL	17	16.9	66	13.6	12.2
50 JACKSON	3	10.6	16	11.6	11.1
51 JOHNSTON	17	18.6	74	17.1	15.4
52 JONES	0	0.0	0	0.0	0.0
53 LEE	9	20.1	25	11.6	11.5
54 LENOIR	6	10.2	38	13.1	13.8
55 LINCOLN	9	16.4	41	15.7	12.8
56 MCDOWELL	3	8.2	11	6.1	5.2
57 MACON	2	7.9	22	17.9	10.0
58 MADISON	1	5.7	14	16.3	12.0
59 MARTIN	2	7.7	14	11.0	11.8
60 MECKLENBURG	59	10.5	298	11.1	11.0
61 MITCHELL	1	6.9	8	11.1	7.4
62 MONTGOMERY	2	8.4	18	15.3	15.5
63 MOORE	6	9.2	45	14.6	12.9
64 NASH	7	8.5	55	13.8	13.5
65 NEW HANOVER	21	15.6	97	15.2	14.6
66 NORTHAMPTON	0	0.0	5	4.8	3.8
67 ONSLOW	15	10.2	78	10.5	11.8
68 ORANGE	11	10.5	63	12.7	12.9
69 PAMLICO	0	0.0	7	12.1	10.1
70 PASQUOTANK	4	12.0	17	10.6	11.4
71 PENDER	3	8.9	20	12.8	12.2
72 PERQUIMANS	0	0.0	5	9.6	8.1
73 PERSON	2	6.4	23	15.0	15.0
74 PITT	10	8.6	77	13.7	15.2
75 POLK	4	25.9	20	26.7	22.3
76 RANDOLPH	13	11.5	67	12.2	9.9
77 RICHMOND	9	20.0	32	14.2	13.7
78 ROBESON	16	14.6	61	11.4	14.0
79 ROCKINGHAM	10	11.4	55	12.7	12.5
80 ROWAN	15	12.8	68	12.0	11.3
81 RUTHERFORD	7	11.9	37	12.8	11.9
82 SAMPSON	6	12.0	29	12.0	11.7
83 SCOTLAND	2	5.8	16	9.3	8.0
84 STANLY	3	5.6	32	12.1	10.3
85 STOKES	10	24.9	43	22.3	19.0
86 SURRY	3	4.7	37	11.8	9.7
87 SWAIN	0	0.0	7	12.4	14.4
88 TRANSYLVANIA	6	22.2	21	16.0	12.8
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	11	11.7	52	11.7	11.5
91 VANCE	3	7.5	23	11.7	13.4
92 WAKE	39	7.9	225	9.8	9.6
93 WARREN	3	16.8	11	12.6	13.1
94 WASHINGTON	2	14.4	6	8.6	10.5
95 WATAUGA	5	12.7	28	14.8	11.0
96 WAYNE	12	11.0	51	9.5	9.9
97 WILKES	6	9.8	37	12.2	9.1
98 WILSON	17	25.2	53	15.9	16.1
99 YADKIN	6	18.3	27	17.1	21.1
100 YANCEY	1	6.3	12	15.3	9.5

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Suicide

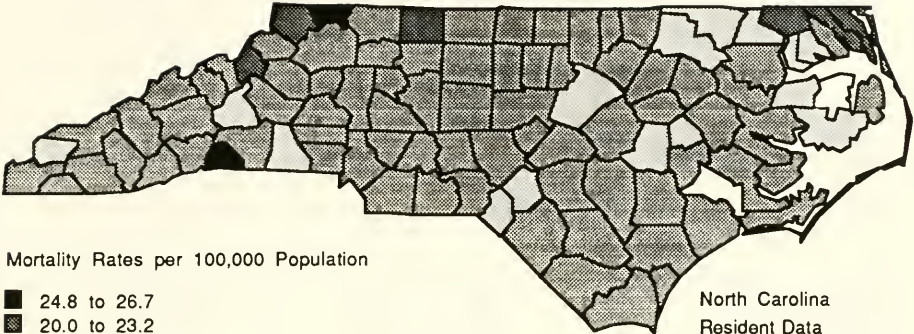


Figure 23.A

Suicide

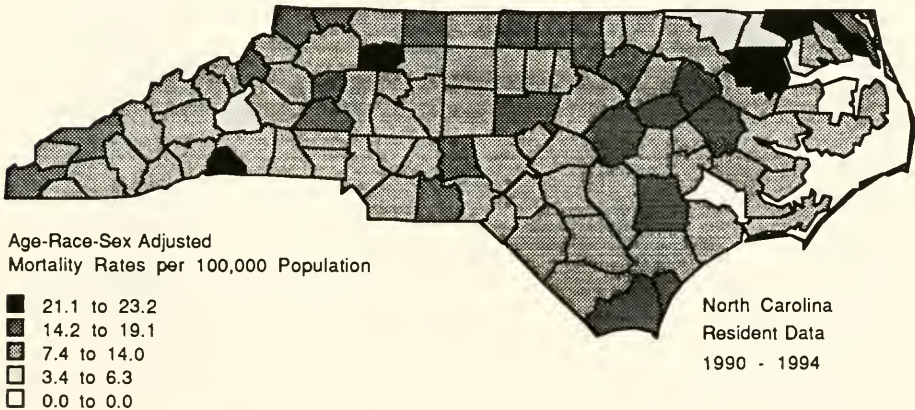


Figure 23.B

TABLE - 24
MORTALITY STATISTICS FOR 1994
NORTH CAROLINA RESIDENTS
HOMICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	817	11.6	4167	12.2	12.1
REGIONS					
D.E.H.N.R. I	61	8.0	287	7.7	10.5
D.E.H.N.R. II	178	11.8	1075	14.7	16.6
D.E.H.N.R. III	153	10.8	701	10.2	11.4
D.E.H.N.R. IV	169	11.9	808	11.8	10.3
D.E.H.N.R. V	148	19.1	669	17.8	14.6
D.E.H.N.R. VI	67	10.2	388	12.1	10.7
D.E.H.N.R. VII	41	7.8	239	9.4	9.0
COUNTIES					
1 ALAMANCE	12	10.6	62	11.2	12.0
2 ALEXANDER	5	16.9	17	11.9	14.6
3 ALLEGHANY	0	0.0	3	6.2	26.2
4 ANSON	6	25.0	34	28.8	20.9
5 ASHE	1	4.4	10	8.9	7.7
6 AVERY	1	6.6	3	4.0	2.8
7 BEAUFORT	2	4.6	22	10.3	11.2
8 BERTIE	5	24.4	12	11.8	9.4
9 BLADEN	4	13.6	26	17.9	16.4
10 BRUNSWICK	8	13.7	26	9.5	10.3
11 BUNCOMBE	21	11.3	73	8.1	12.1
12 BURKE	4	5.0	29	7.5	8.9
13 CABARRUS	8	7.5	40	7.7	10.4
14 CALDWELL	8	10.9	43	12.0	20.6
15 CAMDEN	0	0.0	1	3.3	3.2
16 CARTERET	6	10.6	16	5.8	7.8
17 CASHWELL	9	42.4	16	15.3	9.4
18 CATAWBA	11	8.9	65	10.7	17.1
19 CHATHAM	3	7.1	22	10.9	13.6
20 CHEROKEE	2	9.3	8	7.7	5.3
21 CHOWAN	1	7.1	6	8.7	6.3
22 CLAY	0	0.0	0	0.0	0.0
23 CLEVELAND	11	12.5	88	20.4	22.2
24 COLUMBUS	6	11.8	45	17.9	16.6
25 CRAVEN	3	3.6	27	6.5	5.9
26 CUMBERLAND	49	16.8	256	18.0	14.2
27 CURRITUCK	0	0.0	3	4.1	6.7
28 DARE	1	4.0	8	6.8	13.0
29 DAVIDSON	13	9.6	60	9.1	11.6
30 DAVIE	1	3.4	10	7.0	13.4
31 DUPLIN	8	19.1	39	19.0	18.0
32 DURHAM	37	19.4	155	16.5	12.2
33 EDGEcombe	9	16.0	59	20.8	14.5
34 FORSYTH	40	14.5	173	12.8	12.6
35 FRANKLIN	9	22.3	28	14.5	13.1
36 GASTON	25	14.1	119	13.5	15.8
37 GATES	0	0.0	1	2.1	0.7
38 GRAHAM	1	13.5	5	13.8	11.1
39 GRANVILLE	6	14.8	30	15.1	12.5
40 GREENE	1	6.1	7	8.8	7.7
41 GUILFORD	40	10.9	207	11.6	10.5

* SEE TECHNICAL NOTES

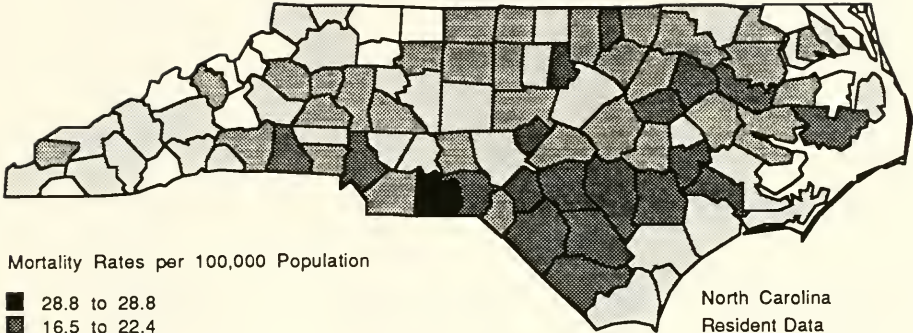
MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
HOMICIDE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	11	19.2	38	13.4	9.9
43 HARNETT	9	12.0	48	13.5	13.6
44 HAYWOOD	2	4.1	15	6.2	11.1
45 HENDERSON	2	2.7	25	6.9	10.5
46 HERTFORD	1	4.5	16	14.2	5.6
47 HOKE	7	26.3	27	22.4	22.5
48 HYDE	1	19.0	5	18.5	19.7
49 IREDELL	9	8.9	59	12.1	15.6
50 JACKSON	1	3.5	8	5.8	6.3
51 JOHNSTON	8	8.7	50	11.6	13.8
52 JONES	1	10.5	8	16.9	14.3
53 LEE	8	17.8	39	18.1	20.2
54 LENOIR	10	17.0	51	17.6	15.5
55 LINCOLN	2	3.7	17	6.5	9.1
56 MCDOWELL	1	2.7	8	4.4	5.1
57 MACON	2	7.9	7	5.7	3.8
58 MADISON	0	0.0	3	3.5	2.7
59 MARTIN	3	11.5	22	17.2	13.6
60 MECKLENBURG	84	15.0	541	20.2	17.9
61 MITCHELL	0	0.0	2	2.8	2.6
62 MONTGOMERY	1	4.2	16	13.6	11.8
63 MOORE	8	12.3	26	8.4	9.5
64 NASH	5	6.0	47	11.8	11.5
65 NEW HANOVER	7	5.2	49	7.7	8.8
66 NORTHAMPTON	4	19.4	10	9.7	6.8
67 ONSLOW	5	3.4	52	7.0	6.1
68 ORANGE	5	4.8	38	7.6	7.8
69 PAHLICO	1	8.5	3	5.2	8.0
70 PASQUOTANK	0	0.0	14	8.7	8.6
71 PENDER	1	3.0	12	7.7	7.3
72 PERQUIMANS	0	0.0	7	13.4	16.1
73 PERSON	4	12.8	14	9.1	8.9
74 PITT	19	16.4	86	15.3	13.6
75 POLK	3	19.4	7	9.3	9.7
76 RANDOLPH	15	13.3	50	9.1	13.1
77 RICHMOND	9	20.0	48	21.4	20.1
78 ROBESON	31	28.2	120	22.4	16.2
79 ROCKINGHAM	10	11.4	48	11.1	11.5
80 ROWAN	10	8.6	60	10.6	11.6
81 RUTHERFORD	10	17.1	33	11.4	13.4
82 SAMPSON	18	36.1	44	18.1	15.8
83 SCOTLAND	6	17.3	24	14.0	10.9
84 STANLY	3	5.6	22	8.3	10.7
85 STOKES	4	10.0	9	4.7	3.7
86 SURRY	2	3.1	16	5.1	5.4
87 SWAIN	1	8.7	5	8.8	7.6
88 TRANSYLVANIA	0	0.0	5	3.8	5.5
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	10	10.6	47	10.6	12.4
91 VANCE	7	17.5	37	18.8	15.1
92 WAKE	43	8.7	164	7.1	6.6
93 WARREN	1	5.6	12	13.7	9.2
94 WASHINGTON	2	14.4	8	11.5	9.0
95 WATAUGA	1	2.5	7	3.7	7.5
96 WAYNE	16	14.7	81	15.1	13.4
97 WILKES	4	6.5	24	7.9	6.6
98 WILSON	9	13.3	65	19.5	15.8
99 YADKIN	1	3.0	6	3.8	8.0
100 YANCEY	2	12.5	8	10.2	7.8

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Homicide



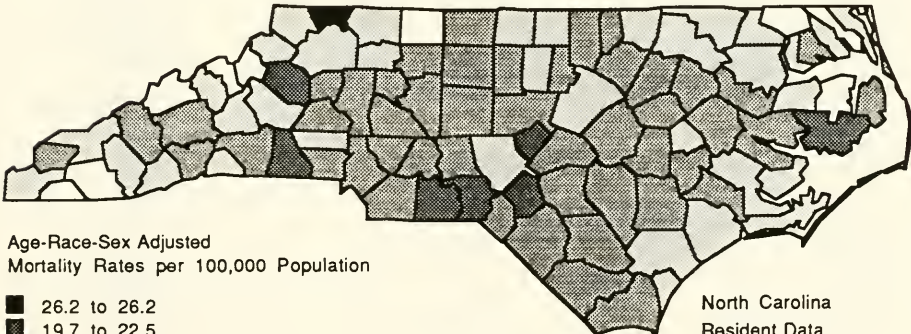
Mortality Rates per 100,000 Population

- 28.8 to 28.8
- 16.5 to 22.4
- 10.2 to 15.3
- 5.7 to 9.7
- 0.0 to 5.2

North Carolina
Resident Data
1990 - 1994

Figure 24.A

Homicide



Age-Race-Sex Adjusted
Mortality Rates per 100,000 Population

- 26.2 to 26.2
- 19.7 to 22.5
- 10.3 to 18.0
- 5.1 to 9.9
- 0.0 to 3.8

North Carolina
Resident Data
1990 - 1994

Figure 24.B

T A B L E - 2 5
M O R T A L I T Y S T A T I S T I C S F O R 1 9 9 4
N O R T H C A R O L I N A R E S I D E N T S
I N F A N T D E A T H S (P E R 1 0 0 0 L I V E B I R T H S)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
NORTH CAROLINA	1017	10.0	5349	10.4	0.0
REGIONS					
D.E.H.N.R. I	86	9.3	445	9.5	0.0
D.E.H.N.R. II	202	9.2	1067	9.6	0.0
D.E.H.N.R. III	181	9.7	955	10.1	0.0
D.E.H.N.R. IV	233	11.1	1080	10.4	0.0
D.E.H.N.R. V	138	10.4	780	11.8	0.0
D.E.H.N.R. VI	110	11.9	626	13.0	0.0
D.E.H.N.R. VII	67	8.2	396	9.5	0.0
COUNTIES					
1 ALAMANCE	12	8.3	76	10.3	0.0
2 ALEXANDER	5	13.0	18	9.9	0.0
3 ALLEGHANY	0	0.0	2	4.1	0.0
4 ANSON	1	2.8	22	11.6	0.0
5 ASHE	4	17.0	17	14.8	0.0
6 AVERY	6	28.4	15	15.0	0.0
7 BEAUFORT	4	7.7	28	9.4	0.0
8 BERTIE	1	3.5	20	13.5	0.0
9 BLADEN	6	14.0	33	15.5	0.0
10 BRUNSWICK	1	1.3	31	8.5	0.0
11 BUNCOMBE	20	8.9	101	8.7	0.0
12 BURKE	15	13.9	60	11.7	0.0
13 CABARRUS	8	5.6	56	7.7	0.0
14 CALDWELL	5	5.2	49	9.8	0.0
15 CAMDEN	0	0.0	6	17.4	0.0
16 CARTERET	5	7.7	32	9.4	0.0
17 CASHWELL	3	12.3	17	12.9	0.0
18 CATAWBA	14	8.3	75	8.5	0.0
19 CHATHAM	3	5.4	19	6.8	0.0
20 CHEROKEE	4	16.8	11	9.2	0.0
21 CHOWAN	0	0.0	12	12.2	0.0
22 CLAY	0	0.0	1	3.0	0.0
23 CLEVELAND	14	11.0	65	9.8	0.0
24 COLUMBUS	9	11.9	47	12.6	0.0
25 CRAVEN	17	11.3	87	11.1	0.0
26 CUMBERLAND	57	10.2	313	11.0	0.0
27 CURRITUCK	3	16.0	16	16.7	0.0
28 DARE	0	0.0	12	7.9	0.0
29 DAVIDSON	11	6.2	79	8.8	0.0
30 DAVIE	4	12.0	17	9.6	0.0
31 DUPLIN	10	15.2	45	14.2	0.0
32 DURHAM	31	10.4	164	10.6	0.0
33 EDGECOMBE	10	10.9	60	12.7	0.0
34 FORSYTH	50	13.0	253	12.7	0.0
35 FRANKLIN	4	7.4	40	14.9	0.0
36 GASTON	31	12.4	144	10.7	0.0
37 GATES	0	0.0	4	6.5	0.0
38 GRAHAM	1	10.4	7	15.7	0.0
39 GRANVILLE	9	16.6	34	12.2	0.0
40 GREENE	4	21.7	19	19.1	0.0
41 GUILFORD	47	9.3	260	10.1	0.0

* SEE TECHNICAL NOTES

MORTALITY STATISTICS FOR 1994, NORTH CAROLINA RESIDENTS
 INFANT DEATHS(PER 1000 LIVE BIRTHS) CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1994	DEATH RATE* 1994	NUMBER OF DEATHS 1990-94	DEATH RATE* 1990-94	ADJUSTED DEATH RATE* 1990-94
42 HALIFAX	13	15.6	79	17.2	0.0
43 HARNETT	13	10.4	63	10.2	0.0
44 HAYWOOD	0	0.0	20	7.3	0.0
45 HENDERSON	5	6.2	28	6.7	0.0
46 HERTFORD	5	15.7	31	18.5	0.0
47 HOKE	5	10.0	33	15.1	0.0
48 HYDE	0	0.0	1	2.9	0.0
49 IREDELL	13	9.3	69	9.7	0.0
50 JACKSON	2	6.5	11	7.0	0.0
51 JOHNSTON	17	12.0	53	7.8	0.0
52 JONES	0	0.0	8	12.2	0.0
53 LEE	8	11.5	43	12.6	0.0
54 LENOIR	13	14.8	65	14.9	0.0
55 LINCOLN	7	9.7	31	8.6	0.0
56 MCDOWELL	5	11.2	14	6.1	0.0
57 MACON	3	12.0	12	9.6	0.0
58 MADISON	3	14.4	8	8.2	0.0
59 MARTIN	1	3.0	26	14.1	0.0
60 MECKLENBURG	73	8.4	437	9.8	0.0
61 MITCHELL	1	6.2	5	5.9	0.0
62 MONTGOMERY	6	16.6	24	13.3	0.0
63 MOORE	11	13.4	46	11.6	0.0
64 NASH	25	20.8	71	11.5	0.0
65 NEW HANOVER	11	6.1	68	7.6	0.0
66 NORTHAMPTON	5	18.0	15	10.2	0.0
67 ONSLOW	31	9.8	160	9.8	0.0
68 ORANGE	4	3.5	41	7.1	0.0
69 PAMLICO	2	15.5	8	12.5	0.0
70 PASQUOTANK	8	17.7	38	16.0	0.0
71 PENDER	0	0.0	13	5.9	0.0
72 PERQUIMANS	2	17.7	10	15.8	0.0
73 PERSON	5	12.4	20	9.3	0.0
74 PITT	28	16.5	131	15.3	0.0
75 POLK	2	12.5	8	10.0	0.0
76 RANDOLPH	11	7.1	59	7.8	0.0
77 RICHMOND	5	7.5	38	11.0	0.0
78 ROBESON	20	10.3	118	12.1	0.0
79 ROCKINGHAM	9	7.5	52	8.9	0.0
80 ROWAN	19	12.6	77	10.1	0.0
81 RUTHERFORD	7	8.5	56	13.6	0.0
82 SAMPSON	7	9.9	37	10.7	0.0
83 SCOTLAND	7	12.2	53	18.4	0.0
84 STANLY	4	5.8	29	8.1	0.0
85 STOKES	7	13.5	26	10.9	0.0
86 SURRY	9	11.2	32	7.7	0.0
87 SWAIN	2	11.0	16	18.1	0.0
88 TRANSYLVANIA	4	14.5	13	8.9	0.0
89 TYRRELL	0	0.0	2	8.6	0.0
90 UNION	14	8.7	66	9.0	0.0
91 VANCE	12	19.4	30	8.9	0.0
92 WAKE	67	8.8	338	9.3	0.0
93 WARREN	3	12.8	17	15.2	0.0
94 WASHINGTON	2	11.2	16	15.4	0.0
95 WATAUGA	2	5.6	12	6.7	0.0
96 WAYNE	20	12.5	86	10.5	0.0
97 WILKES	7	9.1	39	10.2	0.0
98 WILSON	17	17.4	56	11.3	0.0
99 YADKIN	5	11.8	14	7.0	0.0
100 YANCEY	1	5.6	10	10.5	0.0

* SEE TECHNICAL NOTES

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
 DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Infant Deaths

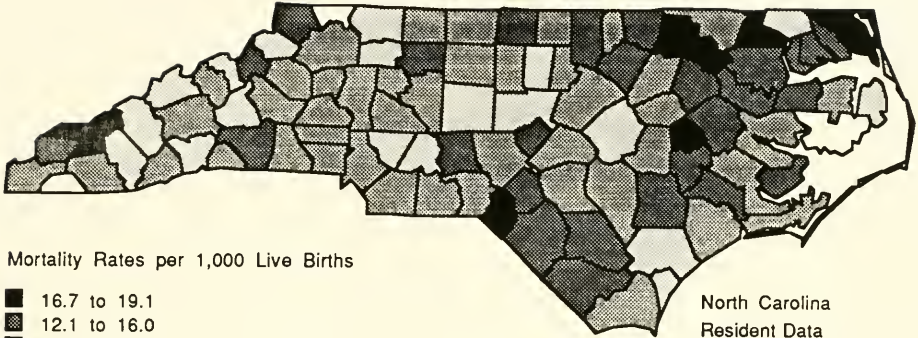


Figure 25

TECHNICAL NOTES

Computation of Death Rates

In this report, general mortality rates are expressed as resident deaths per 1,000 population, while all cause-specific death rates are expressed as resident deaths per 100,000 population. All rates in Tables 1-24 use total population in the denominator, except rates for the sex-specific cancer sites, which use male or female population in the denominator. Population bases for these rates were provided by the Office of State Planning in the Governor's Office. The infant mortality rates of Table 25 and Figure 25 are computed as the number of resident deaths under one year of age per 1,000 resident live births.

Deaths in this report are assigned to place of residence. For deaths of people in long-term institutions (mental, penal, old age, orphan, nursing home, rest home, etc.), the institution is considered the usual residence provided the decedent had resided in the institution at least one year. College students and military personnel are considered residents of the college or military community.

The following definitions apply to the rates of this report:

Unadjusted Annual Death Rate: the annual death rate computed as resident deaths per 1,000 or 100,000 population. These rates reflect an area's status according to the observed deaths during the given year.

Unadjusted 5-Year Death Rate: the average annual death rate computed as average resident deaths per 1,000 or 100,000 average population. These rates give an area's status with respect to the observed deaths during the 5-year period. These rates are depicted in the Series A maps (e.g., Figures 2.A, 3.A).

Adjusted 5-Year Death Rate: the average annual age-race-sex-adjusted rates computed by the direct method. Also expressed as deaths per 1,000 or 100,000 population, these rates are those that **would be expected** if the average annual age, race, and sex composition of each county's population were the same as that estimated for the state in 1980. These rates are free of differing effects of age, race, and sex, offering knowledge of an area's status with respect to other factors of mortality during the 5-year period. However, the user should not compare an adjusted death rate to an unadjusted death rate. Also, adjusted rates for different time periods cannot be directly compared unless they were adjusted by the same standard population. The adjusted rates since the 1986-90 time period use the 1980 North Carolina population as the standard. This permits rates to be compared over time beginning with the 1986-90 5-year rate. Adjusted rates are depicted in the Series B maps (e.g., Figures 2.B, 3.B). [Note: For the two sex-specific cancer sites (female breast and prostate), rates are adjusted for age and race, and denominators are sex-specific.]

For the maps, a clustering routine* from the Statistical Analysis System (SAS) was used to group counties that are "most like each other" with respect to their unadjusted and their adjusted rate. These maps show five levels of death rates, where level one is the lowest rate interval and level five the highest.

A word of caution: Rates for sex-specific cancers (e.g., prostate) use male or female population in the denominator and therefore are not comparable to other rates. Thus, in ranking the causes of death—for example, in ranking the leading cancer sites—one must use the observed numbers of deaths rather than the rates.

* In 1983 the State Center for Health and Environmental Statistics conducted an evaluation of several clustering methods. It was found that the "Average Linkage Method" produced tighter clusters (i.e., clusters with smaller within-cluster variances) than the other methods examined. Consequently, this method is used to cluster county rates in this publication.

Interpretation of Death Rates

To assess an area's relative mortality conditions during a 5-year period, both the unadjusted and the adjusted rate can be compared to the corresponding state rates for a particular cause of death. This, of course, should not be done if the area's unadjusted rate had fluctuated widely in recent years. The rate should represent a relatively stable situation. Then, the following alternative interpretations will apply:

Relative Status Of Unadjusted Rate	Adjusted Rate	Interpretation of Unadjusted Rate
Low	Low	Low mortality is not due to age, race, and sex factors; other mortality conditions are favorable.
Low	High	Low mortality is due to favorable age, race, and sex factors; other mortality conditions are unfavorable.
High	Low	High mortality is due to unfavorable age, race, and sex factors; other mortality conditions are favorable.
High	High	High mortality is not due to age, race, and sex factors; other mortality conditions are unfavorable.

In using adjusted rates, it is important that the user understand the reason for adjustment. Example: A and B stand for population subgroups, e.g., whites and nonwhites, males and females, etc.

	County			State		
	Population	Deaths	Death Rate*	Population	Deaths	Death Rate*
Population A	300,000	1,000	333.3	500,000	2,500	500.0
Population B	10,000	10	100.0	800,000	1,000	125.0
Total	310,000	1,010	325.8	1,300,000	3,500	269.2

*Deaths per 100,000 population.

Compared to the state, county subgroups A and B both have lower rates, but the county as a whole (A and B combined) has a higher rate. This seemingly paradoxical situation results from two factors: different proportions of A and B in the county vs. the state population and wide differences between the rates for A vs. B. In this example, it is true that the county has the higher total rate—BUT ONLY BECAUSE THE POPULATION CONTAINS A HIGH PROPORTION OF SUBGROUP A.

Certainly, it is important for program planners to know that the county has a high rate relative to the state rate; this information is needed in determining manpower, facility, and related needs. But in assessing "risk," the researcher needs to adjust for confounding factors such as age or race. To do this, multiply each population-specific county rate by the corresponding "standard" population, sum these results, and divide by the total "standard." In the above example, using the state population as the standard, the computation is:

$$\frac{(1000/300,000 \times 500,000) + (10/10,000 \times 800,000)}{1,300,000} = 0.001897 \text{ or } 189.7 \text{ per } 100,000 \text{ population}$$

Thus, as rates specific for A and B imply, the county's rate is lower than the state's rate after adjustment for the factor represented by A and B.

Caution!

In assessing the relative mortality conditions of a county, be particularly aware of rates based on small numbers of deaths since, in such cases, random fluctuation in the rate may render rate comparisons risky. The reader should read very carefully the next section entitled "Caution About Unstable Rates."

Caution About Unstable Rates

Any rate with a small number of events (deaths) in the numerator will have substantial random variability over time, or a large standard error. A useful rule of thumb is that any rate based on fewer than 20 events in the numerator may involve serious random error and should be used very cautiously in making comparisons or assessing trends. Many of the rates in this volume do have numerators smaller than 20.

In addition to the problem of a large standard error in death rates due to a small numerator, the age-race-sex-adjusted rates in this volume may be unstable because of small age-race-sex population groups. One death out of an estimated population of five, for example, would produce a death rate of 20,000 per 100,000 population. If this rate were applied to the appropriate age-race-sex group of the standard population, a very large number of expected deaths would result and the adjusted rate would be extremely high. On the other hand, zero deaths in several population groups may result in a very low age-race-sex-adjusted rate. Counties with a very small nonwhite population, predominantly in western North Carolina, are particularly subject to extreme age-race-sex-adjusted rates (high or low) due to small age-race-sex-specific population groups. Unusually high or low rates in this volume should, therefore, be interpreted with caution.

APPENDICES

APPENDIX A

List of Selected Causes of Death

(used for Tables 3 and 4)

CAUSE OF DEATH	ICD-9 CODES*
Diseases of Heart	(390-398,402,404-429)
Cerebrovascular Disease	(430-438)
Atherosclerosis	(440)
Cancer	(140-208)
Lip, Oral Cavity, and Pharynx	(140-149)
Stomach	(151)
Colon, Rectum, and Anus	(153,154)
Liver	(155)
Pancreas	(157)
Larynx	(161)
Trachea, Bronchus, and Lung	(162)
Malignant Melanoma	(172)
Female Breast	(174)
Cervix Uteri	(180)
Ovary and Other Uterine Adnexa	(183)
Prostate	(185)
Bladder	(188)
Brain Tumors	(191,225,237)
Non-Hodgkins Lymphoma	(200,202)
Leukemia	(204-208)
Acquired Immune Deficiency Syndrome	(042-044)
Septicemia	(038)
Diabetes Mellitus	(250)
Pneumonia and Influenza	(480-487)
Chronic Obstructive Pulmonary Disease and Allied Conditions	(490-496)
Chronic Liver Disease and Cirrhosis	(571)
Nephritis, Nephrotic Syndrome, and Nephrosis	(580-589)
Unintentional Motor Vehicle Injuries	(810-825)
All Other Unintentional Injuries and Adverse Effects	(800-807,826-949)
Suicide	(950-959)
Homicide	(960-978)

*International Classification of Diseases, Ninth Revision.

APPENDIX B

List of 43 Selected Causes of Death*

(used for Table 1)

CAUSE OF DEATH	ICD-9 CODES**
Shigellosis and amoebiasis	004-006
Certain other intestinal infections	007-009
Tuberculosis	010-018
Whooping cough	033
Streptococcal sore throat, scarlatina, and erysipelas	034-035
Meningococcal infection	036
Septicemia	038
Human immunodeficiency virus infection (AIDS)	042-044
Acute poliomyelitis	045
Measles	055
Viral hepatitis	070
Syphilis	090-097
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,055-066,071-088,098-139
Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues	140-208
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239
Diabetes mellitus	250
Nutritional deficiencies	260-269
Anemias	280-286
Meningitis	320-322
Diseases of heart	390-398,402,404-429
Hypertension with or without renal disease	401-403
Cerebrovascular disease	430-438
Atherosclerosis	440
Other diseases of arteries, arterioles, and capillaries	441-448
Acute bronchitis and bronchiolitis	466
Pneumonia and influenza	480-487
Chronic obstructive pulmonary diseases and allied conditions	490-496
Ulcer of stomach and duodenum	531-533
Appendicitis	540-543
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560
Chronic liver disease and cirrhosis	571
Cholelithiasis and other disorders of gallbladder	574-575
Nephritis, nephrotic syndrome, and nephrosis	580-589
Infections of kidney	590
Hyperplasia of prostate	600
Complications of pregnancy, childbirth, and the puerperium	630-676
Congenital anomalies	740-759
Certain conditions originating in the perinatal period	760-779
Symptoms, signs, and ill-defined conditions	780-799
Accidents and adverse effects	E800-E949
Suicide	E950-E959
Homicide and legal intervention	E960-E978
All other external causes	E980-E999

*List developed by the National Center for Health Statistics.

**International Classification of Diseases, Ninth Revision.

APPENDIX C

List of 27 Selected Causes of Infant Death* (used for Table 1, Ages <1)

CAUSE OF DEATH	ICE-9 CODES**
Certain intestinal infections	008-009
Whooping cough	033
Meningococcal infection	036
Septicemia	038
Viral diseases	045-079
Congenital syphilis	090
Remainder of infectious and parasitic diseases	001-007,010-032,034-035,037,039-041,080-088,091-139
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239
Diseases of thymus gland	254
Cystic fibrosis	277.0
Diseases of blood and blood-forming organs	280-289
Meningitis	320-322
Other diseases of nervous system and sense organs	323-389
Acute upper respiratory infections	460-465
Bronchitis and bronchiolitis	466,490-491
Pneumonia and influenza	480-487
Remainder of diseases of respiratory system	470-478,492-519
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560
Gastritis, duodenitis, and noninfective enteritis and colitis	535,555-558
Remainder of diseases of digestive system	520-534,536-543,562-579
Congenital anomalies	740-759
Certain conditions originating in the perinatal period	760-779
Symptoms, signs, and ill-defined conditions	780-799
Accidents and adverse effects	E800-E949
Homicide	E960-E969
All other causes	Residual

*List developed by the National Center for Health Statistics.

**International Classification of Diseases, Ninth Revision.

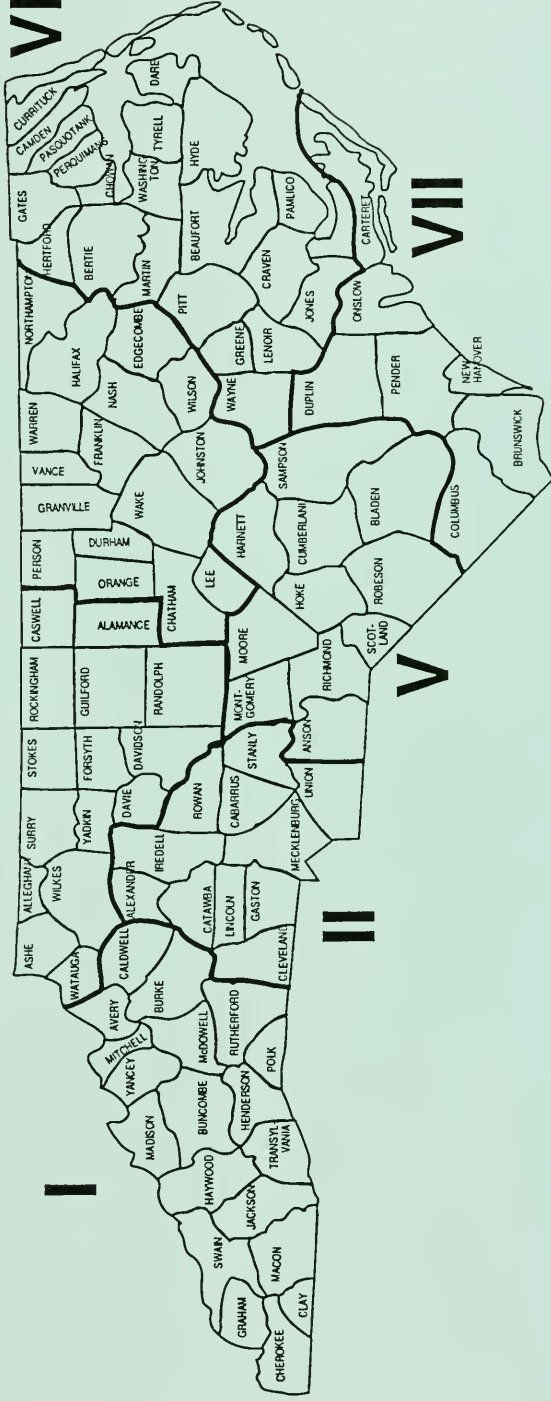
NORTH CAROLINA

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES REGIONS

III

IV

VI



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